

RECORD OF PROCEEDINGS

OF THE

BOARD OF TRUSTEES

OF THE

OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1921, to June 30, 1922

THE OHIO STATE UNIVERSITY

WILLIAM OXLEY THOMPSON
President

BOARD OF TRUSTEES

	Date of Original Appointment	Term Expires
C. F. KETTERING, Dayton.....	Mar. 21, 1917	May 13, 1923
LAWRENCE E. LAYBOURNE, Springfield..	May 14, 1921	May 13, 1924
O. E. BRADFUTE, Xenia.....	Aug. 21, 1905	May 13, 1925
T. C. MENDENHALL, Ravenna.....	June 16, 1919	May 13, 1926
B. F. MCCANN, Dayton.....	May 13, 1913	May 13, 1927
JOHN F. CUNNINGHAM, Cleveland.....	Dec. 22, 1914	May 13, 1928
JOHN KAISER, Marietta.....	Feb. 25, 1915	May 13, 1929

CARL E. STEEB
Secretary of the Board

JULIUS F. STONE
Treasurer of the Board

Proceedings of the Board of Trustees The Ohio State University

OFFICE OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

Columbus, Ohio, July 7, 1921.

The Board of Trustees met at the University at 5:00 p. m., pursuant to the call of the Chairman.

Present: John Kaiser, Chairman; T. C. Mendenhall, O. E. Bradfute, L. E. Laybourne, J. F. Cunningham, B. F. McCann.

This date being the occasion of the birthday of former Trustee, Governor James E. Campbell, the following resolution offered by Dr. Mendenhall, was adopted:

Resolved, That the President of the University be directed to offer by telephone to Governor James E. Campbell the congratulations of this Board now in session, on the occasion of the seventy-eighth anniversary of his birth.

The President, as chairman of the Stadium Building Committee, presented for the approval of the Board the contract entered into this day between the E. H. Latham Company of Columbus, Ohio, and the Ohio Stadium Building Committee for the construction of the Ohio Stadium.

Mr. Cunningham moved that the contract be approved and upon roll call the vote resolved as follows:

Yes: Cunningham, Laybourne, Mendenhall, Kaiser, Bradfute.

No: None.

Motion was declared unanimously passed.

The President presented the annual contract with the State Board of Vocational Education for the year ending June 30, 1922.

Upon motion, this contract was approved and the President and Secretary were directed to sign the same.

Upon recommendation, Professor H. E. Bourne of Western Reserve University was selected to conduct a seminar on the economic history of the French Revolution during the second semester of the coming year. The President was directed to report later on a suitable honorarium to be paid to Professor Bourne.

The President presented a communication concerning the rights of the Board of Trustees to permit a Co-operative Store to have its

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place of business on the University campus, and upon motion, the President was directed to secure from the Attorney General an opinion on this question.

Professor Bradford was authorized to visit the University of West Virginia for the purpose of inspecting the Women's Building.

The President presented a communication from Dean Hitchcock relative to the work of the Engineering Experiment Station and upon his recommendation, \$500 was appropriated for the continuation of Projects 10 and 11, and \$250 was appropriated for Project No. 24.

The Trustees also gave approval to the effort of the Engineering Experiment Station Council to arrange with the State Highway Commissioner for the testing of headlights and spotlights on motor vehicles as required by House Bill No. 156 recently enacted by the Legislature.

The President presented the report of the Board of Visitors of the Ohio State University Association for the year ending June 30, 1921. This report was read and ordered filed.

The name of Helen C. Barr as Assistant in Romance Languages was ordered inserted in the budget at the salary there named and appropriated.

Upon the recommendation of the President, the following appropriations were made and the necessary amounts appropriated to meet the salaries in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Appropriation
<i>Summer Session</i>				
B. A. Eisenlohr	Professor of German			\$ 440.00
Marguerite Kramer	Accompanist, Phys. Ed.			50.00

Upon the recommendation of the President, the following amendment to the University budget was made:

The appointment of Ralph Livingston as Assistant in the Department of Farm Crops, instead of S. J. Green.

Upon the recommendation of the President, the following appointments in Agricultural Education and Home Economics were made, for which salaries the State Board of Vocational Education will reimburse the University under the terms of the Smith-Hughes law:

Agricultural Education

W. F. Stewart—Professor	\$1,500.00
(in addition to amount allowed in regular budget)	
H. W. Nisonger—Assistant Professor	2,800.00
F. H. McMillen—Assistant Professor	2,600.00
W. F. Bruce—Instructor (Hamilton Township)	2,600.00
A. C. Kennedy—Instructor (Worthington)	2,500.00
H. G. Kenestrick—Instructor (Grove City)	2,400.00
Harry Atwood—Instructor (Hilliards)	2,400.00
G. G. Everhart—Instructor (Canal Winchester)	2,250.00
L. O. Lantis—2 months in Summer Session	400.00
F. E. Guyton—2 months in Summer Session	300.00
Mary Nairn—Stenographer	960.00

Total..... \$20,710.00

Home Economics

Mrs. Maude G. Adams—Professor (in addition to amount allowed in regular budget)	\$ 1,800.00
Henrietta Gromme—Assistant Professor	2,500.00
Clara Bancroft—Instructor (North High School)	2,000.00
Almeda Jones—Instructor (North High School)	1,900.00
Hazel Huston—Instructor (Reynoldsburg)	1,900.00
Ida Patterson—Instructor (Canal Winchester)	2,100.00
Josephine Brown—Assistant	1,200.00
Total.....	\$13,400.00

All these salaries are on twelve month basis.

Upon recommendation of the President, Professor M. B. Evans was appointed for two months at his regular monthly salary for services in connection with the Four-quarter Plan.

Upon the recommendation of the President, the following amendments were made to the Summer Session Budget, with appropriations of the amounts necessary to meet the recommendations:

Mrs. Vera McCoy Masters, Asst. Professor, Dept. of Bacteriology....	\$288.00
Herman Miller, Instructor, Department of English.....	100.00

Upon the recommendation of the President, the salary of Theodore N. Beckman, Department of Economics and Sociology, was changed from \$192.00 to \$300.00.

The following recommendations were adopted:

1. I recommend that the Budget be amended in cases of all omissions due to clerical errors or other mistakes by which the force was reduced or names omitted.

2. I recommend that the President be authorized to use his discretion in increasing the salaries of certain persons who have definite proposals to go elsewhere.

3. I recommend that the President be authorized to adjust salaries where there has been an evident misunderstanding.

4. I recommend, concerning increase of salaries suggested by the Deans and not included in the above three recommendations, that the President be authorized to appear before the State authorities and see whether any relief can be provided by the increase of money for A-1.

5. I recommend that the President be authorized to employ office service for the months of July and August at a salary not to exceed \$100.00 a month.

The following resolution presented by Dr. Mendenhall was unanimously adopted by the Board of Trustees:

On the retirement of Professor Joseph Villiers Denney from the deanship of the College of Arts, Philosophy, and Science, the Trustees of the University unanimously approve the following minute and direct that it be made a part of the record of their proceedings:

After graduation from the University of Michigan, followed by three years of valuable experience as a journalist, and three more as a teacher, Dr. Denney came to the Ohio State University in 1891, as Associate Professor of Rhetoric. In 1894 he was made Professor of Rhetoric and the English

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Language and in 1901 he was chosen as Dean of the College of Arts, Philosophy, and Science, an appointment which he continued to hold until July 1st of the current year, his professional title having been changed in 1904 to that of Professor of English and Head of the Department of the English Language and Literature.

Dr. Denney has thus completed thirty years of notable service in the University, all of which has been in residence, except one year spent in study in the leading institutions of learning in Europe.

During the past twenty years he has administered the affairs of the largest, and in many respects, the most important, college of the University with continued and conspicuous success, and at the same time he has made many valuable contributions to the literature of his subject. As the head of the Department of English, because of his fine literary taste, his extensive and critical knowledge of the English language, together with a rare personal command of its use, his influence, through both example and precept has been as beneficent as it has been far-reaching.

Relieved of the routine and somewhat mechanical duties of the deanship, it is the hope of the Trustees that the University may continue to profit by his skill as a teacher and his distinction as a scholar for many years to come.

* * * * *
Upon the recommendation of the President, \$85,000 was appropriated, to be paid to the Alumni Association in ten installments, to be paid from the interest on Endowment Fund.

* * * * *
Thereupon, the Board adjourned to meet at the call of the Chairman.

Attest:

CARL E. STEEB,
Secretary

JOHN KAISER,
Chairman

OFFICE OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

Columbus, Ohio, August 2, 1921.

The Board of Trustees met at the University at 2:00 p. m., pursuant to the call of the Chairman.

Present: John Kaiser, Chairman; T. C. Mendenhall, O. E. Bradfute, L. E. Laybourne, J. F. Cunningham.

* * * * *
The Secretary was directed to execute a contract with the Dispatch Printing Company for one-half page space in the Golden Jubilee edition of the Columbus Dispatch, to be published this fall, at a cost of \$300.00.

* * * * *
The President recommended that the following buildings be permanently named as follows: the new Women's Building, Pomerene Hall, in honor of Mr. Frank E. Pomerene who was a Trustee of the University from 1905 to 1919; the new Women's Dormitory, Mack

Hall, in honor of Mr. John T. Mack who was a Trustee of the University from 1893 to 1914; the new General Hospital, Lynne Starling Hospital, in honor of Dr. Lynne Starling, founder of the old Starling Medical College; the Home Economics Building, Elizabeth Owens Campbell Hall, in honor of Mrs. James E. Campbell who was the wife of former Governor James E. Campbell.

Upon motion of Dr. Mendenhall, the above recommendations were approved and the buildings were so named.

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Professor W. H. Siebert and Professor O. C. Hooper were appointed editors of the second volume of the University History. Professor J. S. Myers was appointed editor of the third volume of the University History.

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The President, Dean McCampbell, and the Secretary were appointed a committee to enter into a contract with the Trustees of the Protestant Hospital Association for the rental of the fifty-two beds on the same basis as last year's contract with the following exception: to omit that clause which permitted the Protestant Hospital to collect fees from patients occupying the University beds.

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The President was authorized to sign an application to the War Department requesting the establishment of a Dental Unit of the R. O. T. C. in connection with the College of Dentistry.

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The President presented a request from Mr. Riegel, Director of Education, concerning the time of Professor Landsittle as High School Supervisor. Upon motion, this matter was referred to the President with power.

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The following appropriations for the Engineering Experiment Station for the year beginning July 1, were made:

Project No. 1—Hydrology of the Upper Scioto and Supplemental Data of State Wide Application.....	\$1,500.00
Project No. 5—A Bearing Testing Machine.....	150.00
Project No. 6—A Study of Flow of Fluids.....	500.00
Project No. 8—Thermo, Electrical, and Magnetic Properties of Alloys.....	500.00
Project No. 15—Economic Utilization of Liquid Fuels.....	200.00
Project No. 16—Tests of Tapered Struts.....	225.00
Project No. 17—Soil Survey Relative to Road Failures.....	400.00
NEW PROJECTS—	
Project No. 23—Catalytic Saponification of Oils.....	200.00
Project No. 25—Certification and Standardization of Automobile Headlights.....	300.00
Project No. 26—Gasoline-Kerosene Survey.....	300.00
Project No. 27—Chemical Study of Commercial Limes.....	1,000.00
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Upon the recommendation of the President, the following travel was authorized, subject to the approval of the State Emergency Board, which travel shall include railroad fare and pullman only:

One person to be selected by Dean White from the College of Veterinary Medicine to go to the meeting of the American Veterinary Medical Association, to be held at Denver, September 5-9.

The Director of Agricultural Extension and two persons, to be selected by Dean Vivian from the College of Agriculture, to attend the annual meeting of the American Association of Agricultural Colleges, to be held in New Orleans, November, 1921.

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Henry F. Walratt, to attend the annual meeting of the National Tax Association to be held at Breton Woods, New Hampshire, in the White Mountains, September 12-16.

The Secretary was authorized to enter into a contract with Mr. J. K. Gardiner for the continuation of the lease of the Nurses' Home, at 1630 Neil Avenue, at the rental of \$65 per month, effective July 1, 1921, on the same terms as before.

The Secretary reported the gift of \$750 from the E. I. DuPont de Nemours & Company for the continuation of the DuPont Fellowship in Chemistry during the academic year 1921-1922. The Secretary was directed to extend the thanks of the University for the continuation of this splendid gift.

Upon the recommendation of the President, the following resignations were accepted and the balances cancelled in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Cancellation
<i>Agricultural Extension</i>				
Edith Dickson	Instructor, Home Economics	July 31, 1921	\$ 2,100.00	
Jennie Fisher	Home Demonstration Agent	July 31, 1921	1,900.00	
R. W. Wells	County Agricultural Agent	Sept. 30, 1921	2,400.00	
<i>College of Arts, Philosophy, and Science</i>				
Elmer B. Russell	Instructor, American History	Sept. 1, 1921	2,000.00	2,000.00
<i>College of Medicine</i>				
Mary Ronan	Technician, Surgery	August 1, 1921	840.00	770.00
<i>College of Agriculture</i>				
C. L. Metcalf	Professor, Entomology	August 31, 1921	3,600.00	3,000.00
<i>College of Engineering</i>				
Jesse L. Farr	Graduate Asst., Chemistry	Sept. 1, 1921	500.00	500.00
<i>Stenographic and Clerical</i>				
Eva A. Smith	Stenographer, Horticulture	August 31, 1921	960.00	800.00

Upon the recommendation of the President, the following appointments were made, and the necessary amounts appropriated to meet the salaries in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Appropriation
<i>Agricultural Extension</i>				
E. P. Reed	Asst. Professor, Farm Crops	August 22, 1921	\$3,500.00	Smith-Lever
<i>College of Agriculture</i>				
John S. Cutler	Asst. Farm Crops	Sept. 1, 1921	900.00	Budget
Irma Earle	Statistical Clerk, Rural Economics	July 1, 1921	960.00	Budget
Joseph Miller	Teamster, Farm Operations	July 1, 1921	1,080.00	\$1,080.00
<i>College of Commerce and Journalism</i>				
M. M. Donaldson	Asst. in Accounting	Sept. 1, 1921	600.00	600.00
J. H. Lewis	Asst. in Accounting	Sept. 1, 1921	600.00	600.00
D. M. Shonting	Asst. in Accounting	Sept. 1, 1921	1,200.00	1,200.00
Perry P. Denune	Asst., Sociology	Sept. 1, 1921	600.00	600.00
Cancel position of Assistant in Accounting @ \$1,800.00.				

Name	Title	Date Effective	Annual Rate	8-2-'21 Appropriation
<i>College of Education</i>				
Mrs. S. L. Pressey	Instructor, Psychology	Sept. 1, 1921	1,800.00	1,800.00
Frances T. Halsted	Instructor, Psychology	Sept. 1, 1921	2,000.00	Budget
R. D. Williams	Instructor, ½ time Psychology	Sept. 1, 1921	750.00	750.00
Cancel position of Instructor, half time, @ \$1,000.00				
<i>College of Engineering</i>				
J. B. Sparrow	Apparatus Custodian, Physics	July 11, 1921	1,200.00	Cancel 33.38 in app.
H. K. Linzell	Graduate Asst., Chemistry	Sept. 1, 1921	500.00	500.00
W. J. Fordyce	Student Asst., Chemistry	Sept. 1, 1921	250.00	Budget
John R. Rose	Assistant, Physics	Sept. 1, 1921	900.00	900.00
J. Clarence Merrell	Instructor, Civil Engineering	Sept. 1, 1921	2,000.00	Budget
Charles A. Miller	Instructor, Civil Engineering	Sept. 1, 1921	1,500.00	Budget
H. D. Decker	Instructor, Mine Engineering	Sept. 1, 1921	1,500.00	Budget
<i>College of Medicine</i>				
Artye Rose	Technician X-Ray Dept. of Surgery	August 1, 1921	840.00	770.00
Walter G. Huffman	Pharmacist, State Street Dispensary	July 1, 1921	500.00	Budget
Charles S. Hamilton	Professor and Head, Dept. of Surgery	Sept. 1, 1921	500.00	Budget
John W. Dunham	Asst. Professor, Medicine	Sept. 1, 1921	300.00	300.00
<i>College of Veterinary Medicine</i>				
Fay Adams	Clerk	July 25, 1921	960.00	Cancel 61.54 in app.
<i>Registrar's Office</i>				
Esther Funk	Asst. to Registrar	July 1, 1921	1,200.00	1,200.00
<i>Library</i>				
Gertrude Lance	Library Assistant, (half time)	July 1, 1921	360.00	Budget
<i>University Architect</i>				
F. E. Riebel	Draftsman	July 1, 1921	2,400.00	2,400.00
<i>Entrance Board</i>				
Helen F. Powell	Stenographer	June 7, 1921	960.00	Budget
<i>Summer Session</i>				
Robert S. Hanson	Student Assistant, Chemistry		50.00	Budget
Anthony George	Student Assistant, Chemistry		50.00	Budget
<i>Stenographic and Clerical</i>				
Ruth Evans	Stenographer, Arts	July 5, 1921	960.00	950.77
Edna G. Hale	Stenographer, Commerce & Jour.	July 22, 1921	960.00	904.61
Mary E. Nangle	Stenographer, Chemistry	July 1, 1921	960.00	Budget
Claire E. Elk	Stenographer, Physical Plant	July 12, 1921	960.00	Cancel 27.69 in app.
Ruth Giesen	Clerk, Physical Educ. for Women	July 1, 1921	960.00	960.00
Catherine Rowland	Clerk, College of Agriculture	July 1, 1921	960.00	Rotary
Cancel position of Stenographer, College of Arts @ \$1,200.00.				
<i>Department of Operation and Maintenance</i>				
Earl Achey	Asst. Electrician	July 5, 1921	1,600.00	Budget
C. W. O'Harra	Laborer	July 8, 1921	1,080.00	Cancel 20.77 in app.
Nelson Bowman	Night Watchman	July 11, 1921	1,200.00	Cancel 33.33 in app.

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Name	Title	Date Effective	Annual Rate	Appropriation Budget
Ellis Belcher	Night Watchman	July 1, 1921	1,200.00	
(Transferred from Janitor) Cancel 1140 in Janitors.				
Alfred Booker	Janitor	July 1, 1921	1,140.00	Budget
James Ragland	Janitor	July 5, 1921	1,080.00	1,072.86
Frank Muchmore	Janitor	July 6, 1921	1,140.00	1,125.88

Upon the recommendation of the President, the following amendments to the Budget were made:

College of Arts, Philosophy, and Science

George A. Washburne	Assistant Professor, American History	\$2,250.00 to	\$2,500.00
J. F. Craig	Instructor in English	2,300.00 to	2,500.00
Walter French	Instructor in English	1,700.00 to	1,800.00

College of Engineering

John S. Ward	Instructor in Physics	1,500.00 to	1,700.00
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College of Commerce and Journalism

Geo. W. Eckelberry	Asst. Professor, Economics and Sociology	3,250.00 to	4,500.00
F. E. Lumley	Asst. Professor to Professor, Economics and Sociology		3,500.00

College of Education

C. F. Kelley	Professor of Art	3,750.00 to	4,500.00
E. L. Ury	Professor, Economics and Sociology	Smith-Hughes	1,600.00
		University	3,200.00
A. P. Weiss	Professor, Psychology	3,750.00 to	4,250.00
Anna Rodgers	Instructor, Psychology	1,800.00 to	2,250.00
Elizabeth Hatch	Instructor, Psychology	1,800.00 to	2,000.00
Erwin Esper	Instructor, Psychology	1,800.00 to	2,000.00
Harold Burt	Asst. Professor, Psychology	3,000.00 to	3,500.00

University Architect

F. E. Whitehouse	Draftsman	1,800.00 to	2,100.00
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Engineering Experiment Station

Advisory Council for the year ending 1922 to be as follows:

Professor C. E. Sherman	3 years
Professor J. R. Withrow	3 years
Professor D. J. Demorest	2 years
Professor W. T. Magruder	2 years
Professor F. C. Caldwell	1 year
Professor A. D. Cole	1 year

College of Homeopathic Medicine

Position of anaesthetist be abolished and salary of Dr. Harry M. Sage increased from \$800.00 to \$1,200.00 per annum.

Upon the recommendation of the President, the Rotary Budget, College of Homeopathic Medicine, as presented, was adopted:

Name	Title	Salary
Lena Gheen	Chief Cook.....	\$ 960.00
Lucille Tatum	Cook, Maternity Hospital.....	540.00
	Dishwasher, Children's Hospital.....	960.00
	Dishwasher.....	480.00
Survilla Mooty	Dining-room girl.....	600.00
Isabelle Uhrig	Diet Kitchen girl.....	540.00
Nora Massie	Seamstress.....	540.00
Ruth Nimocks	Housekeeper.....	600.00
John Long	Operating-room orderly.....	1,140.00
	Clinical Record keeper.....	960.00
	Orderly.....	300.00
	Orderly.....	300.00
Total.....		\$7,500.00

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Upon the recommendation of the President, the following increases in salary in the Summer Session budget were made:

Helene Fouré, Department of Romance Languages, increased from \$192.00 to \$352.00.

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Theodore Beckman, Department of Economics and Sociology, increased from \$192.00 to \$300.00.

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In view of notice that Major Allan F. McLean has been relieved of duty and Captain Carl R. Perkins has been detailed in his stead, the Budget was ordered amended accordingly.

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The President presented a list of new appointments and increases of salaries for certain persons for the consideration of the Board. Inasmuch as all of the available funds for personal service have been appropriated, action on this list was deferred for the present, and the President was directed to appear before the State Emergency Board and make request for additional funds for personal service to meet the above situation.

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The President and Secretary were authorized to open bids which are to be received on August 15 for the Bridge over the Olentangy River. The Secretary was directed, in case bids are received below the estimate, to call a meeting of the Board at once for the award of the contract.

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Upon motion, the Trustees acceded to the request of the Board of Control of the Agricultural Experiment Station for the use of the University Architect to prepare the plans and specifications for the Printery Building, for which appropriation was made. It was also agreed to permit Mr. McCracken, Chief Engineer, to visit the Station and make a study and report of the general building and service conditions.

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Upon motion, the Board adjourned to meet at the call of the Chairman.

Attest:

CARL E. STEEB,
Secretary

JOHN KAISER,
Chairman

OFFICE OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

Columbus, Ohio, August 16, 1921.

The Board of Trustees met at the University at 9:30 a. m., pursuant to the call of the Chairman.

Present: John Kaiser, Chairman; O. E. Bradfute, B. F. McCann, T. C. Mendenhall, J. F. Cunningham, L. E. Laybourne.

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The Board of Trustees met for the purpose of awarding the contract for the bridge, boiler and stoker for which bids were opened in accordance with law yesterday.

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The Secretary presented the following report from Mr. Clyde T. Morris, Engineer for the bridge:

August 15, 1921.

Mr. Carl E. Steeb,
Secretary, Board of Trustees,
Ohio State University.

Dear Sir—Bids for the bridge over the Olentangy River were opened today at noon. Two bids were received, as follows:

Carmichael-Cryder Co..... \$118,977.00

N. R. Porterfield, Inc..... 117,900.00

Both bids are regular in all respects. I would, therefore, recommend that the contract be awarded to the low bidder, N. R. Porterfield, Inc.

I would also recommend that in view of the fact that the bid is \$3,065 under the estimate, the alternate for including the terra cotta ornaments at \$700.00 be also accepted.

Very truly yours,
CLYDE T. MORRIS,
Engineer.

Upon motion, the recommendation of the Engineer was approved and the contract was regularly awarded to N. R. Porterfield, Inc., at their bid of \$117,900 plus \$700 for the terra cotta ornaments as named in the ultimate.

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The Secretary presented the following report from Mr. W. C. McCracken, Engineer, for the Boiler:

August 16, 1921.

Carl E. Steeb,
Business Manager.

After careful survey of the proposals of the Babcock & Wilcox Company for a 600 H. P. Boiler, one 600 H. P. Superheater and one Diamond Soot Blower.

We recommend that the contract for same be awarded to the Babcock & Wilcox Company at their bid price of

Boiler	\$19,977.00
Superheater	2,291.00
Soot Blower	1,021.00

Total	\$23,289.00
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Substitute:

Hot drawn for cold drawn tubes.....	\$ 635.00
Deduct for Turbin Cleaner.....	100.00
Deduct for Brickwork.....	286.00

Total	\$ 1,021.00
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Making the net total award.....	\$22,268.00
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Yours truly,
W. C. MCCracken,
Chief Engr. & Supt. Bldgs.

Upon motion, the recommendation of the Engineer was approved and the contract was regularly awarded to Babcock & Wilcox Company, at their bid of \$22,268.00, as named in the ultimate.

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Since Mr. McCracken was not ready to report on the Stoker, the Board adjourned, to meet Monday, August 22.

Attest:

CARL E. STEEB,
Secretary

JOHN KAISER,
Chairman

OFFICE OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

Columbus, Ohio, August 22, 1921.

The Board of Trustees met at the University at 9:30 a. m., pursuant to adjournment.

Present: T. C. Mendenhall, Vice-Chairman; J. F. Cunningham, O. E. Bradfute, B. F. McCann.

* * * * *

The secretary presented the following report from Mr. W. C. McCracken, Engineer, for the Stoker:

August 19, 1921.

Carl E. Steeb,
Business Manager,
University Hall, Campus.

Dear Sir—We are enclosing herewith, our recommendations on a Chain Grate Stoker for the 600 H. P. Boiler in the new Power House.

Yours very truly,
W. C. McCracken,
Chief Engr. & Supt. Bldgs.

RECOMMENDATION ON AWARDED CONTRACT
FOR A CHAIN GRATE STOKER FOR
600 HORSEPOWER BOILER

A careful study has been made of all bids and each representative of the Stoker Companies bidding has been given a full and courteous hearing on the merits of his Stoker, and we are convinced the recommendation made is for the best interests of the University.

Eliminate Green Engineering Company's bid of \$12,-258.00, as it is above the estimate.

Eliminate the bid of the Combustion Engineering Corp., of \$7,496.00, as they did not include an Arch with their Stoker. An Arch will cost \$550.00, which would, if included, make their bid \$8,046.00.

The next bid in order for consideration would be the Laclede-Christy bid of \$6,820.00.

We recommend the rejection of this bid for the following reasons:

1. Efficiency guarantee is on one rating of boiler only, viz: 71% at 200% rating on forced draft, there is no efficiency guaranteed on natural draft, nor at 250% of boiler

rating. 71% is the lowest efficiency guaranteed by any of the bidders.

2. Active grate surface is only 116.1 square feet, which makes a grate approximately 9.75 feet long by 12 feet wide.

3. The short length of grate is objectionable in a Stoker of this type, in our opinion the Stoker Grate should be much longer than it is wide.

4. We object to the high draft required in the furnace when operating on natural or forced draft. Our objection is based on the fact that the draft required will cause greater infiltration of air through the Boiler Setting, thereby decreasing the efficiency of the Boiler and Stoker.

5. We object to conditions contained in paragraph 1, page 4, viz.: Prepayment of erection and limiting erecting engineer to one trip.

6. We object to conditions contained in paragraph 6, page 4, as to labor cost and time of completion.

7. The air distribution cannot be controlled by the operator.

We recommend the acceptance of the James A. Brady Foundry Co. bid of \$8,026.00 for the following reasons:

1. The Brady Co. guarantee the highest efficiencies of any of the bidders at the boiler ratings required, viz.:

73% at 150%

75% at 200%

74% at 250%

2. They furnish a larger effective grate area than any other bidder which is very desirable, under natural draft conditions.

3. The effective length of grate is 13 feet, width 10 feet. This length of grate will give more complete combustion of fuel, thereby preventing an excessive amount of combustible going over into ash pit.

4. All parts which are subjected to the fire are easily replaceable while Stoker is in operation.

5. There are no shafts, lubricated bearings, revolving sprockets, or other parts requiring lubrication or replacement that are at the rear of the Stoker, where they are not accessible and subjected to heat and dirt.

6. The design of the grate surface eliminates to a large extent the sifting of fuel through it.

7. Stoker is arranged with 4 compartments so that the air pressure in each compartment can be regulated by the operator.

8. Height of coal hopper is not excessive.

9. The Stoker takes up less room in front of the Boiler than either of the other Stokers.

10. Motor drive for Stoker is more efficient and requires less space and attention.

W. C. McCracken,

Chief Engr. & Supt. Bldgs.

Upon motion, the recommendation of the Engineer was approved and the contract was regularly awarded to the James A. Brady Foundry Company at their bid of \$8,026.00 as named in the ultimate.

* * * * *

Upon motion, the Board adjourned to meet at the call of the Chairman.

Attest:

CARL E. STEEB,
Secretary

T. C. MENDENHALL,
Vice-Chairman.

* * * * *

OFFICE OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

Columbus, Ohio, September 13, 1921.

The Board of Trustees met at the University at 2:00 p. m., pursuant to the call of the Chairman.

Present: John Kaiser, Chairman; T. C. Mendenhall, L. E. Laybourne, B. F. McCann, O. E. Bradfute, J. F. Cunningham.

* * * * *

The President presented an invitation from Cornell University inviting the Ohio State University to be represented by delegate at the inauguration of Livingston Farrand, President of Cornell University, on Thursday, October 20, 1921. Upon motion, President Thompson was directed to represent the University on this occasion.

* * * * *

The President presented a preliminary report as prepared by Mr. George E. Frazer on the Four-quarter Plan. After discussion, it was ordered that copies of this report be sent to the members of the Board for their further consideration.

* * * * *

The President presented the annual report to the Governor of Ohio for the year ending June 30, 1921, and upon motion of Dr. Mendenhall, this report was received and approved and the Chairman was directed to transmit the same to the Governor.

* * * * *

The President now brought to the attention of the Board certain amendments to the Annual Budget, and after explaining the significance of such amendments, the following resolution as presented by Judge McCann was unanimously adopted:

Resolved, That in view of the limitation of funds for the second year of the biennium and in view of the fact that the present budget exceeds the resources available for the first year, the Trustees decline to approve the proposals for redistribution of balances saved due to resignations, and that the rule for the cancellation of balances be adhered to.

* * * * *

Upon the recommendation of the President, the following resignations were accepted and the balances cancelled in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Cancellation
<i>College of Agriculture</i>				
K. Louise Boyenton	Asst., Home Economics	Sept. 1, 1921	\$ 900.00	\$ 900.00
Adelaide P. Barer	Asst., Home Economics	Sept. 1, 1921	900.00	900.00

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Name	Title	Date Effective	Annual Rate	Cancellation
<i>College of Arts, Philosophy, and Science</i>				
Donald M. Greer	Instructor, European History	Sept. 1, 1921	1,800.00	1,800.00
R. C. Williams	Assistant Professor, Rom. Languages	Sept. 1, 1921	2,200.00	2,200.00
Arthur Sloan	Instructor, Rom. Languages	Sept. 1, 1921	1,700.00	1,700.00
<i>College of Commerce and Journalism</i>				
Edward Stimson	Assist., Economics and Sociology	Sept. 1, 1921	600.00	600.00
Frederick Croxton	Lecturer, Economics and Sociology	Sept. 1, 1921	1,000.00	1,000.00
<i>College of Education</i>				
James W. Bridges	Assistant Professor, Psychology	Sept. 1, 1921	3,250.00	3,250.00
Harry W. Crane	Assistant Professor, Psychology	Sept. 1, 1921	2,500.00	2,500.00
Frances Halsted	Instructor, Psychology	Sept. 1, 1921	2,000.00	2,000.00
Carney Landis	Laboratory Asst., Psychology	Sept. 1, 1921	1,800.00	1,800.00
<i>College of Engineering</i>				
W. Byron Brown	Instructor, Physics	Sept. 1, 1921	1,800.00	1,800.00
<i>Graduate School</i>				
Lura M. Jewell	Scholar	Sept. 1, 1921	300.00	300.00
Edna Rickey	Fellow	Sept. 1, 1921	500.00	500.00
<i>College of Homeopathic Medicine</i>				
Isabelle Uhrig	Diet Kitchen Helper, Homeo. Hospital	Sept. 1, 1921	Rotary	
Ruth Nimocks	Housekeeper, Hospital	Sept. 1, 1921	Rotary	
<i>College of Law</i>				
J. W. Madden	Professor of Law	Sept. 1, 1921	4,500.00	4,500.00
<i>Department of Physical Education</i>				
Darwin Hindman	Instructor	Sept. 1, 1921	1,500.00	1,500.00
<i>Registrar's Office</i>				
Louise Leslie	Asst. to Registrar	Sept. 1, 1921	960.00	960.00

Upon the recommendation of the President, the following appointments were made, and the necessary amounts appropriated to meet the salaries in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Appropriation
<i>College of Agriculture</i>				
Laura G. McGill	Asst. Professor, Home Economics	Sept. 1, 1921	\$2,500.00	\$2,500.00
Laurentza Shantz-Hansen	Instructor, Home Economics	Sept. 1, 1921	1,800.00	1,800.00
Nellie M. Beck	Assistant, Home Economics	Sept. 1, 1921	900.00	900.00
Mildred R. Smith	Assistant, Home Economics	Sept. 1, 1921	900.00	900.00
Donald B. Anderson	Graduate Assistant, Botany	Sept. 1, 1921	500.00	Budget
Lois Lampe	Graduate Assistant, Botany	Sept. 1, 1921	500.00	Budget
Sylvester Humphrey	Graduate Assistant, Botany	Sept. 1, 1921	500.00	Budget
Raymond A. Dobbins	Graduate Assistant, Botany	Sept. 1, 1921	500.00	Budget
Mary E. Wurdack	Student Assistant, Botany	Sept. 1, 1921	300.00	Budget
Ruth L. White	Student Assistant, Botany	Sept. 1, 1921	300.00	Budget
Bernard S. Myer	Student Assistant, Botany	Sept. 1, 1921	300.00	Budget

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Name	Title	Date Effective	Annual Rate	Appropriation
Dwight M. DeLong	Assistant Professor, Zoology and Ento.	Sept. 1, 1921	2,500.00	2,500.00
W. C. Kraatz	Assistant, Zoology and Entomology	Sept. 1, 1921	1,200.00	Budget
Mary Auten	Graduate Assitant, Zoology and Ento.	Sept. 1, 1921	500.00	Budget
Herbert Spencer	Graduate Assitant, Zoology and Ento.	Sept. 1, 1921	500.00	Budget
Robert N. McCormick	Graduate Assitant, Zoology and Ento.	Sept. 1, 1921	500.00	Budget
Clifford R. Cutright	Graduate Assitant, Zoology and Ento.	Sept. 1, 1921	500.00	Budget
Jacob W. Bulger	Graduate Assitant, Zoology and Ento.	Sept. 1, 1921	500.00	Budget
Ruth M. Veth	Graduate Assitant, Zoology and Ento.	Sept. 1, 1921	500.00	500.00
W. D. Webster	Instructor, Zoology and Entomology	Sept. 1, 1921	1,700.00	1,700.00
Charles F. Lively	Assistant Professor, Rural Economics	Sept. 1, 1921	2,500.00	2,500.00
Harmon A. Runnells	Student Assistant, Botany	Sept. 1, 1921	300.00	Budget
<i>Agricultural Extension</i>				
Ralph J. Bugbee	County Agr. Agent	Aug 1, 1921	\$2,750.00	
	Smith-Lever Funds.....	\$ 66.66		
	State Offset, A-1.....	66.66		
	Geauga Co. Funds.....	41.66		
	Farm Bureau Funds.....	54.16		
	Total	\$229.14		
	Automobile maintenance, Farm Bureau Funds	\$600.00		
M. A. Nye	Asst. Prof. Rural Eco.	Aug. 1, 1921	\$2,700.00	
	U. S. Dept. Agr.....	125.00		
	State Offset, A-1.....	100.00		
	Total	\$225.00		
B. A. Wallace	Asst. Prof. Rural Eco.	Sept. 1, 1921	\$3,000.00	
	Smith-Lever Funds in Project No. 12			
Cecil M. Witmer	Home Demon. Agent	July 1, 1921	\$2,400.00	
	Smith-Lever Funds.....	\$104.16		
	Lake County Funds.....	54.16		
	Farm Bureau Funds.....	62.50		
	Total	\$200.00		
	Automobile maintenance, Lake County Funds	\$600.00		
Melvin R. Wright	County Club Agent	July 1, 1921	\$2,000.00	
	Smith-Lever Funds.....	\$ 52.08		
	State Offset, A-1.....	52.08		
	Farm Bureau Funds.....	62.50		
	Total	\$166.66		
	Automobile maintenance, Farm Bureau Funds	\$600.00		
<i>College of Arts, Philosophy, and Science</i>				
W. E. Marion	Instructor, American Hist.	Sept. 1, 1921	\$1,800.00	\$1,800.00
Thor J. Beck	Instructor, Rom. Language	Sept. 1, 1921	2,000.00	2,000.00
Flola L. Shepard	Assist., Romance Language	Sept. 1, 1921	1,500.00	1,500.00
Earl C. Shively	Grad. Assistant, Rom. Languages	Sept. 30, 1921	700.00	630.00

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Name	Title	Date Effective	Annual Rate	Appropriation
<i>College of Commerce and Journalism</i>				
M. C. Cross	Assistant, Eco. and Soc.	Sept. 1, 1921	900.00	900.00
Lawrence E. Clark	Assistant, Eco. and Soc.	Sept. 1, 1921	900.00	900.00
Edna V. Tanner	Assistant, Eco. and Soc.	Sept. 1, 1921	600.00	600.00
L. Edwin Smart	Assistant, Eco. and Soc.	Sept. 1, 1921	500.00	500.00
Virgel Willett	Assistant, Eco. and Soc.	Sept. 1, 1921	500.00	500.00
Lester C. Getzloe	Asst. Professor, Journalism	Sept. 1, 1921	2,500.00	Budget
G. N. Dagger	Instructor, Eco. and Soc.	Sept. 1, 1921	1,000.00	1,000.00
J. A. Fitzgerald	Asst. Professor, Eco. and Soc.	Sept. 1, 1921	3,750.00	3,750.00
Floyd Van Keuren	Lecturer, Eco. and Soc.	Sept. 1, 1921	700.00	700.00
J. Lake Vesper	Assistant, Eco. and Soc.	Sept. 1, 1921	1,200.00	1,200.00
<i>College of Dentistry</i>				
Webster M. Baker	Instructor	Sept. 1, 1921	900.00	Budget
<i>College of Education</i>				
Robert Axel	Instructor, Psychology	Sept. 1, 1921	2,000.00	2,000.00
F. C. Wagenhals	Instructor, Psychology	Sept. 1, 1921	3,000.00	3,000.00
Florence Fitzgerald	Instr., 1st Sem., Psychology	Sept. 1, 1921	1,000.00	1,000.00
K. C. Pratt	Assistant, Psychology	Sept. 1, 1921	500.00	500.00
E. J. Ashbaugh	Professor, School Admin.	Sept. 1, 1921	5,000.00	5,000.00
P. R. Stevenson	Research Asst., Edu. Research	Sept. 1, 1921	3,000.00	3,000.00
Margaret Doherty	Reference Asst., Edu. Research	Sept. 1, 1921	2,400.00	2,400.00
Grace Christy	Asst. to Director, Edu. Research	Sept. 1, 1921	1,600.00	1,600.00
<i>College of Engineering</i>				
Howard E. Fritz	Special Asst. Chemistry	Sept. 1, 1921	1,500.00	1,500.00
Tadashi Fujimoto	Asst., Physics	Sept. 1, 1921	700.00	700.00
<i>College of Homeopathic Medicine</i>				
Edith Miller	Instructor	Sept. 1, 1921	1,300.00	1,300.00
Alice Edwards	Superv., Children's Dept., Homeo. Hospital	Aug. 29, 1921	840.00	700.00
Ida Herrick	Dishwasher, Hospital	Sept. 1, 1921	540.00	Rotary
Marta Cherry	Diet Kitchen Helper, Homeo. Hospital	Sept. 1, 1921	540.00	Rotary
Martha Paul	Housekeeper, Hospital	Sept. 1, 1921	600.00	Rotary
<i>College of Law</i>				
G. N. Dagger	Instructor	Sept. 1, 1921	2,000.00	2,000.00
<i>Department of Physical Education</i>				
H. C. Caldwell	Instructor	Sept. 1, 1921	1,500.00	1,500.00
<i>Business Manager's Office</i>				
Arminie L. Shields	Chief Clerk	July 1, 1921	1,200.00	Budget
<i>University Architect's Office</i>				
Mary Lucile Church	Draftsman	Aug. 1, 1921	1,500.00	Bldg. Funds
L. E. Albright	Tracer	July 25, 1921	60c. hr.	Bldg. Funds

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Upon the recommendation of the President, the following amendments were made to the budget:

College of Agriculture

Cecil Bayes	Beef Cattle, Herdsman, Animal Husb.	\$1,260.00 to \$1,440.00	
W. J. Kostir	Instructor, Zoology and Entomology	Leave without salary	
Alice Donnelly	Instructor, Home Economics	\$1,800.00 to \$2,200.00	
	Instructor, Home Economics	\$ 900.00	Position cancelled
	Instructor, Home Economics	\$1,250.00	Position cancelled
	Assistant, Home Economics	\$1,200.00	Position cancelled
	Asst. Professor, Home Economics	\$1,250.00	Position cancelled
M. Jeannette Butler	Instructor, Home Economics	Trans. to Agr. Ext.	

College of Arts, Philosophy, and Science

Helen C. Barr	Assistant, Romance Languages	\$ 700.00 to \$1,500.00	
R. E. Rockwood	Assist. Professor, Romance Languages	\$3,250.00 to \$3,500.00	
Robert Fouré	Instructor, Romance Languages	\$2,200.00 to \$2,750.00	
	Instructor, Romance Languages	\$1,600.00	Position cancelled
	Grad. Assist. Romance Languages	\$ 900.00	Position cancelled
	Asst. Professor, Romance Languages	\$1,700.00	Position cancelled
Fred Harrold	Instructor, English	\$ 900.00 to \$1,500.00	
Mildred Fisher	Assistant, Geology	\$ 250.00 to 500.00	
Mary E. Ross	Assistant, English	\$ 750.00 to \$1,500.00	
	Instructor, to succeed Arthur Sloan	\$1,700.00	

College of Commerce and Journalism

G. W. Eckelberry	Assistant Professor to Professor, Economics and Sociology		
F. E. Lumley	Professor, Economics and Sociology to Professor of Sociology		
	Professor, Economics and Sociology	\$4,000.00	Position cancelled

College of Education

Mrs. Bertha Koch	Laboratory Assistant, Psychology	\$ 500.00 to \$ 775.00	
	Assist. Professor, School Administration	\$3,500.00	Position cancelled

College of Engineering

O. D. Rickley	Assistant, Industrial Arts	\$1,300.00 to \$1,500.00	
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College of Homeopathic Medicine

	Supervisor, Children's Ward, Hospital	\$ 900.00	Position cancelled
	Assistant in Clinical Laboratory	\$1,000.00	Position cancelled

College of Medicine

Clarence I. Britt	Assistant, Anatomy	\$ 850.00 to \$1,500.00	
R. A. Knouff	Assistant Professor, Anatmoy	\$2,250.00 to \$2,500.00	
R. C. Baker	Assistant Professor, Anatmoy	\$2,250.00 to \$2,500.00	
R. A. Moore	Student Assistant, Bacteriology	\$ 600.00 to \$1,200.00	
Harold E. Lowry	Laboratory Assistant, Bacteriology	\$ 500.00 to \$ 800.00	
	Laboratory Assistant, Bacteriology	\$1,100.00	Position cancelled
Carl P. Effler	Technical Assistant, Physiology	\$1,800.00 to \$2,000.00	
Clayton S. Smith	Professor, Physical Chemistry	\$3,800.00 to \$4,000.00	

Registrar's Office

Lucy Taylor	Assistant to Registrar	Leave without salary	
	Assistant to Registrar	\$ 960.00	

Stenographic and Clerical

Ina D. Shirk	Stenographer	\$ 900.00 to \$ 960.00	
Marie Combs	Stenographer, transferred from College of Arts to English		

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9-13-'21

Upon recommendation of the President, one person from the department of Dairying was authorized to attend the National Dairy Show to be held at Minneapolis, October 6, 1921, subject to the approval of the State Emergency Board, the University to pay pullman and railroad fare only.

* * * * *

Upon the recommendation of the President, R. M. Royer was authorized to attend the meeting of the National Association of Purchasing Agents to be held in Indianapolis, October 10, subject to the approval of the State Emergency Board, the University to pay pullman and railroad fare only.

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Upon the recommendation of the University Architect, D. W. McGrath and Sons, contractors for the new Chemistry Building, were granted an extension of time on the contract from October 1, 1921 to January 1, 1922.

* * * * *

The President presented an invitation from the University of the Philippines asking the University to be represented at the inauguration of the new President, Guy Potter Benton. The President was directed to select an alumnus living in the Philippines to attend this inauguration.

* * * * *

The President reported that after submitting the request to the Emergency Board for relief in the matter of salary appropriations that an additional allowance of \$10,000 was granted to the University.

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Thereupon, the Board recessed, to meet in the morning at 9:30 a. m.

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September 14, 1921.

The Board met with the same members present as at yesterday's session except Judge McCann.

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The University Architect presented plans, specifications and bills of materials for the following buildings:

Girls' Dormitory—Mack Hall.

Addition to Power House.

Addition to Brown Hall—West Wing.

Addition to Physics Building—West Wing.

Upon motion, the above plans, specifications, and bills of materials were approved, and the Secretary was directed to present the same to the Director of Highways and Public Works for his approval, and if so approved, then to advertise for bids in accordance with the law.

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Thereupon, the Board adjourned to meet October 4, 10 a. m., at the University.

Attest:

CARL E. STEEB,
Secretary

JOHN KAISER,
Chairman

10-4-'21

OFFICE OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

Columbus, Ohio, October 4, 1921.

The Board of Trustees met at the University at 10:00 a. m., pursuant to the call of the Chairman.

Present: John Kaiser, Chairman; J. F. Cunningham, O. E. Bradfute, T. C. Mendenhall, B. F. McCann, and Vernon Riegel, Director, Department of Education.

* * * * *

Upon the recommendation of the President, the following resignations were accepted and the balances cancelled in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Cancellation
<i>Agricultural Extension</i>				
Z. B. Wallin	Specialist in Marketing	August 31, 1921	\$3,000.00	Smith-Lever
<i>College of Agriculture</i>				
Josephine Hamblin	Instructor, Home Economics	Sept. 14, 1921	1,400.00	\$1,108.35
<i>College of Arts, Philosophy, and Science</i>				
Vesta Pegg	Instructor, English	Sept. 1, 1921	1,800.00	1,800.00
F. P. Banner	Instructor, English	Sept. 1, 1921	800.00	800.00
<i>Library</i>				
Mae M. Walker	Library Assistant	Sept. 1, 1921	1,080.00	900.00
<i>College of Commerce and Journalism</i>				
I. B. Wallin	Instructor, Economics and Sociology	Sept. 1, 1921	1,800.00	1,800.00
Marjorie Sheets	Instructor, Economics and Sociology	Sept. 1, 1921	1,600.00	1,600.00
Isaac Sollenberger	Assistant, Economics and Sociology	Sept. 1, 1921	1,500.00	1,500.00
Edna V. Tanner	Assistant, Economics and Sociology	Sept. 1, 1921	600.00	600.00
J. H. Lewis	Assistant, Economics and Sociology	Sept. 1, 1921	600.00	600.00
<i>College of Engineering</i>				
Dwight D. Gardner	Student Assistant, Engr. Drawing	Sept. 1, 1921	300.00	300.00
Walter A. Taylor	Student Assistant, Engr. Drawing	Sept. 1, 1921	300.00	300.00
<i>College of Homeopathic Medicine</i>				
Louisa Harrod	Pharmacy Supervisor, Homeopathic Hospital	July 31, 1921	840.00	809.67
Kathryn Burger	Maternity Supervisor, Homeopathic Hospital	July 9, 1921	940.00	920.00
<i>Dean of Women</i>				
Louella St. Clair	Secretary to Dean	Sept. 23, 1921	1,080.00	980.77
<i>Student Health Service</i>				
Ethel Lee Smith	Nurse	July 1, 1921	1,500.00	1,500.00
Anne G. Bierman	Stenographer	July 1, 1921	960.00	960.00
<i>University Architect's Office</i>				
Mrs. Lucy S. Schad	Draftsman	Oct. 15, 1921	1,800.00	Bldg. funds

Upon the recommendation of the President, the following appointments were made, and the necessary amounts appropriated to meet the salaries in accordance with the general rule:

10-4-'21

Name	Title	Date Effective	Annual Rate	Appropriation
<i>Agricultural Extension</i>				
Harry P. Curtis	County Agr. Agent	Sept. 16, 1921	\$3,200.00	
	Smith-Lever Fund in			
	Project No. 2.....	\$ 66.66		
	State-Offsetting A1.....	66.66		
	Logan County Fund.....	75.00		
	Farm Bureau Fund.....	58.34		
	Total	\$266.66		
	Automobile maintenance, Logan			
	County Funds.....	\$600.00		
Frank Sandhammer	County Agr. Agent	Sept. 1, 1921	3,000.00	
	Project No. 2			
	Supp. Ext. Fund.....	\$133.33		
	Champaign County Fund	75.00		
	Farm Bureau Fund...	41.67		
	Total	\$250.00		
	Automobile maintenance, Champaign			
	County Funds.....	\$600.00		
Walter D. Hunnicutt	County Agr. Agent	Sept. 1, 1921	3,000.00	
	Smith-Lever Fund in			
	Project No. 2.....	\$ 66.66		
	State-Offsetting.....	66.66		
	Butler County Fund....	75.00		
	Farm Bureau Fund.....	41.68		
	Total	\$250.00		
	Automobile maintenance, Butler			
	County Funds.....	\$600.00		
Charline McClure	Home Dem. Agent	Sept. 1, 1921	1,900.00	
	Project No. 1			
	Smith-Lever Fund.....	\$104.16		
	Erie County Fund.....	54.16		
	Total	\$158.48		
	Automobile maintenance, Erie			
	County Funds.....	\$600.00		
Minnie Price	Asst. State Leader	Sept. 16, 1921	3,000.00	
	Home Demon. Agents			
	Project No. 11			
	Smith-Lever Fund			
William S. Barnhart	County Agr. Agent	Oct. 1, 1921	3,000.00	
	State-Offsetting A1.....	\$133.33		
	Muskingum County Funds	75.00		
	Farm Bureau Funds....	40.67		
	Total	\$250.00		
	Automobile maintenance, Muskingum			
	County Funds.....	\$600.00		
Marcella Payne	Home Dem. Agent	Sept. 16, 1921	2,300.00	
	Project No. 11			
	Smith-Lever Fund.....	\$104.16		
	Montgomery Co. Fund..	54.16		
	Farm Bureau Fund.....	33.34		
	Total	\$191.66		
	Automobile maintenance, Montgomery			
	County Funds.....	\$600.00		
Francis Carlisle	Stenographer, (half time)	Sept. 1, 1921	480.00	Smith-Lever Project 3D

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Name	Title	Date Effective	Annual Rate	Appropriation
<i>College of Agriculture</i>				
Z. B. Wallin	Asst. Professor, Rural Economics	Sept. 1, 1921	275.00 mo.	\$2,750.00 (temporary)
Hoylande D. Young	Student Asst., Agl. Chemistry and Soils	Sept. 1, 1921	Without salary	
<i>College of Arts, Philosophy, and Science</i>				
LeRoy Schwartz	Assistant, English	Sept. 20, 1921	500.00	500.00
Dudley F. Smith	Assistant, English	Sept. 20, 1921	500.00	500.00
Marion E. Snyder	Assistant, English	Sept. 20, 1921	500.00	500.00
Florence E. Moore	Assistant, English	Sept. 20, 1921	300.00	300.00
Margaret Hicks	Assistant, English	Sept. 20, 1921	300.00	300.00
Samuel Rezneck	Instructor, European History	Sept. 1, 1921	1,800.00	1,800.00
Clarence F. Moses	Student Assistant, Geology	Sept. 20, 1921	100.00	Budget
Robert T. Pollard	Student Assistant, Political Science	Sept. 30, 1921	250.00	250.00
	Assistant, Political Science		500.00	Position cancelled
	Instructor, Romance Languages		1,600.00	Position cancelled
William A. Shatley	Instructor, Romance Languages	Sept. 1, 1921	2,500.00	2,500.00
Harold C. Esper	Student Assistant, Greek	Oct. 1, 1921	70.00	70.00
	Student Assistant, Greek		100.00	Position cancelled
<i>College of Commerce and Journalism</i>				
Paul G. Eckelberry	Assistant, Economics and Sociology	Sept. 1, 1921	600.00	600.00
Mrs. Stella Huntington	Reader, Economics and Sociology	Sept. 1, 1921	300.00	Budget
Donald J. Hoskins	Assistant, Economics and Sociology	Sept. 1, 1921	600.00	600.00
Howard H. Webster	Assistant, Economics and Sociology	Sept. 1, 1921	300.00	300.00
	Assistant, Economics and Sociology		1,200.00	Position cancelled
Edward Stimson	Assistant, Economics and Sociology	Sept. 1, 1921	300.00	300.00
Stanley L. Whiteside	Reader, Economics and Sociology	Sept. 1, 1921	150.00	150.00
Joseph Mitten	Reader, Economics and Sociology	Sept. 1, 1921	150.00	150.00
Thomas E. Pemberton	Reader, Economics and Sociology	Sept. 1, 1921	200.00	200.00
George D. Haskell	Instructor, Economics and Sociology	Sept. 1, 1921	1,500.00	1,500.00
William B. Mills	Assistant, Economics and Sociology	Sept. 1, 1921	900.00	900.00
Walter Schutz	Assistant, Economics and Sociology	Sept. 1, 1921	500.00	500.00
Ruth A. Brown	Reader, Economics and Sociology	Sept. 1, 1921	150.00	150.00
Don Wiper	Reader, Economics and Sociology	Sept. 1, 1921	150.00	150.00
Ralph Richards	Reader, Economics and Sociology	Sept. 1, 1921	150.00	150.00
Robert C. Mason	Assistant, Economics and Sociology	Sept. 1, 1921	40.00 mo.	200.00
	First semester			
R. M. Hunter	Assistant, Economics and Sociology	Sept. 1, 1921	900.00	900.00
Lucia Johnson	Lecturer, Economics and Sociology	Sept. 1, 1921	600.00	600.00
Florence Woodrow	Reader, Economics and Sociology	Sept. 1, 1921	150.00	150.00
<i>College of Engineering</i>				
John P. Rannells	Student Assistant, Engr. Drawing	Sept. 1, 1921	300.00	300.00

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Name	Title	Date Effective	Annual Rate	Appropriation
G. Q. Downes, Jr.	Student Assistant, Engr. Drawing	Sept. 1, 1921	300.00	300.00
Anthony George	Student Assistant, Chemistry	Sept. 1, 1921	250.00	Budget
Irwin O. Staeuble	Student Assistant, Chemistry	Sept. 1, 1921	250.00	Budget
Robert H. K. Foster	Student Assistant, Chemistry	Sept. 1, 1921	250.00	Budget
Elsie Cherrington	Student Assistant, Chemistry	Sept. 1, 1921	250.00	Budget
A. E. Luckhaupt	Student Assistant, Chemistry	Sept. 1, 1921	250.00	Budget
Charles S. Pease	Graduate Assistant, Chemistry	Sept. 1, 1921	500.00	500.00
<i>College of Homeopathic Medicine</i>				
Mary Summerfield	Student Nurse	Sept. 1, 1921	75.00	Budget
Della Pollic	Student Nurse	Sept. 1, 1921	75.00	Budget
Lula Kauble	Student Nurse	Sept. 1, 1921	75.00	Budget
Wanda Fay Hahn	Night Supervisor, Hospital	Oct. 1, 1921	70.00 mo.	630.00
Mary Ellen Towns	Supervisor of Maternity, Hospital	Oct. 1, 1921	75.00 mo.	675.00
Mary Ferguson	Supervisor of Phar., Homeo. Hospital	August 23, 1921	840.00	721.00
Inez Terry	Day Supervisor, Hospital	August 23, 1921	840.00	721.00
Day Supervisor, Hospital			840.00	Position cancelled
Night Supervisor, Hospital			840.00	Position cancelled
<i>College of Medicine</i>				
Harry Clay Powelson	Student Assistant, Phys. Chem., Pharm., and Materia Medica	Sept. 1, 1921	600.00	Budget
Reginald F. Jukes	Assistant, Bacteriology	Sept. 1, 1921	1,200.00	1,200.00
Palmer L. Cordray	Student Assistant, Physiology	Sept. 1, 1921	300.00	300.00
Elmyn R. Marker	Student Assistant, Physiology	Sept. 1, 1921	300.00	300.00
Edward Lee Sager	Student Assistant, Physiology	Sept. 1, 1921	250.00	250.00
John M. Van Dyke	Student Assistant, Physical Chem., First semester	Sept. 1, 1921	200.00	200.00
George Owen Hoskins	Assistant in Medicine	Sept. 1, 1921	Without salary	
John P. Farson	Assistant, Medicine	Sept. 1, 1921	Without salary	
Milton Easley Jones	Assistant in Surgery	Sept. 1, 1921	Without salary	
Oscar L. Coddington	Student Assistant, Anatomy	Sept. 1, 1921	150.00	Budget
<i>Graduate School</i>				
Warren W. Cox	Fellow	Sept. 1, 1921	500.00	Budget 3A
<i>Dean of Women</i>				
Beatrice Bab	Secretary to Dean	Sept. 17, 1921	90.00 mo.	851.54
<i>Student Health Service</i>				
Marguerite Kutz	Nurse	Sept. 1, 1921	1,500.00	1,500.00
Maude M. Eckhart	Clerk	Sept. 19, 1921	960.00	753.85
<i>Library</i>				
Granville H. Martin	Library Assistant (half time)	Sept. 15, 1921	30.00 mo.	Budget
Kenyon Campbell	Library Assistant (half time)	Sept. 15, 1921	30.00 mo.	Budget
Harry S. Bugbee	Library Assistant (half time)	Sept. 15, 1921	30.00 mo.	Budget

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Name	Title	Date Effective	Annual Rate	Appropriation
Robert M. Hunter	Library Assistant (half time)	Sept. 15, 1921	30.00 mo.	Budget
Margaret H. Sturm	Library Assistant	Sept. 15, 1921	1,300.00	1,029.15
Marion F. Ross	Library Assistant (half time)	Oct. 1, 1921	30.00 mo.	Budget
Eather Early	Library Assistant	Oct. 1, 1921	60.00 mo.	540.00
Adelaide Hibbard	Library Assistant	Oct. 1, 1921	80.00 mo.	720.00
	Cataloger		1,400.00	Position cancelled
	Library Assistant		1,500.00	Position cancelled

Roads and Grounds

Frank Funk	Arborator	Sept. 15, 1921	1,200.00	
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Upon the recommendation of the President, the following amendments were made to the budget:

Agricultural Extension

Josephine Brown	Trans. to Instructor Home Economics	Sept. 15, 1921	\$ 116.66 mo.	\$1058.33
Eloise Davison	Instructor, Home Economics	Oct. 1, 1921	Leave without salary for three months	

College of Agriculture

Marie C. Kuglen	Stenographer	Sept. 15, 1921	90.00 mo.	Rotary
H. E. Erdmann	Professor, Rural Economics	Sept. 1, 1921	Leave without salary for one year	
C. H. Kennedy	Assistant Professor, Zoology and Entomology		1,800.00 to 2,300.00	

College of Arts, Philosophy, and Science

Francis W. Coker	Professor, Political Science		3,700.00 to 4,000.00	
Herman Miller	Instructor in English		1,500.00 to 1,800.00	
E. W. Wiley	Instructor in English		2,300.00 to 2,500.00	
Mary Ross	Assistant to Instructor, English			
Leonard Bloomfield	Professor German to Professor German and Linguistics			

College of Commerce and Journalism

	Assistant, Economics and Sociology		1,800.00	Position cancelled
	Graduate Aast., Economics and Sociology		900.00	Position cancelled
	4 Graduate Assistants, Economics and Sociology @ 500			Positions cancelled
	6 Student Assistants, Economics and Sociology @ 150			Positions cancelled

College of Engineering

A. H. Vilbrandt	Assistant in Chemistry		1,100.00 to 1,500.00	
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College of Homeopathic Medicine

Alice Edwards	Supervisor, Children's Ward Homoeopathic Hospital		840.00 to 900.00	
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College of Medicine

	2 Student Assistants, Physiology @ 300			Positions cancelled
Samuel Hindman	Instructor in Medicine		Leave without salary for one year	
	Instructor, Bacteriology		1,500.00	Position cancelled
Robert A. Moore	Student Assistant to Assistant Bacteriology		1,200.00	
Howard J. Smith	Student Assistant, Anatomy		150.00 to 300.00	
F. C. Wagenhals	Assistant to Instructor, Medicine		500.00	

Library

Edna Davis	Library Assistant		1,500.00 to 2,000.00	
	Provided salary for 1922-1923 be 1,500			
Susan Marksbury	Library Assistant to Cataloger		1,080.00 to 1,400.00	
W. C. George	Check Room Attendant, Library		1,200.00 to 1,440.00	
Rita M. Buxton	Library Assistant		80 mo. to 90 mo.	
Adah P. Smith	Library Assistant, Brown Hall		60 mo. to 90 mo.	

University Architect's Office

F. E. Whitehouse	Draftsman, full-time to half-time	1,050.00
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At this time Professor Clarence D. Laylin appeared before the Board upon the request of the President and made a general statement concerning the operation of the non-resident rule. After some discussion, a special committee consisting of the President, Mr. Laylin and the Secretary was appointed to prepare suggested amendments to the present rule for the consideration of the Board at its next meeting.

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The Trustees thereupon recessed to meet at the President's house for luncheon in honor of the eightieth birthday of Dr. T. C. Mendenhall.

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At the luncheon the following greeting, engrossed and bound in leather, was signed by the Trustees and presented to Dr. Mendenhall:

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Thomas Corwin Mendenhall, Greeting:

We, a few of your many friends and admirers, congratulate you on having attained the ripe age of fourscore years. Much more do we congratulate you on the highly honorable achievements which have distinguished those rich and fruitful years. Rarely have men gained distinction in so many fields and fields so diversified. At home and abroad your services have won the gratitude of those to whom they were rendered and the praise of all who were cognizant of them.

You have ranked among the first physicists of America. You have made important contributions to your favorite science, especially in the department of metrology, which, as you yourself have said, "is the mother of science and of art." You have filled with honor various responsible positions under the National Government. You greatly enhanced your reputation by the lectures which you delivered in the chief intellectual centers of the nation. As a teacher in the Imperial University of Japan, you laid a molding hand on the life of a nation just coming under the influence of western civilization. You crowned your active service in the field of education by the successful administration of two of our best known schools of technology. Your scientific work has received distinguished recognition with decorations and medals in Japan, in France, and in your native country.

But here, on the campus of the University to whose first faculty you were the first man chosen, whose physical laboratory you founded and largely developed, whose first years were enriched by your extraordinary qualities as a teacher and counsellor, and whose early students went out bearing your impress and carrying your influence far and wide,—on this spot we recall with peculiar pleasure what you have done and what you have been to the Ohio State University and to the State of Ohio. We remember too the vital and stimulating influence which, in those days, you diffused through the State by your addresses, sometimes to the general public, but oftener to teachers' associations.

We rejoice that now again the University is served and honored by you as a member of her Board of Trustees, and

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that, after many years, we once more enjoy the culture and charm of your personal life.

May you live to complete another score of healthful and happy years!

October fourth, 1921.

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Afternoon Session.

The Board met with the same members present as at the morning session.

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The President presented a proposition from Kinnear and Miller, Engineers, to perform the necessary preliminary field work and to prepare the plans and specifications, with suggested approved methods to carry on the work for the complete development of the Olentangy River improvement from Lane Avenue to King Avenue, compensation to be \$20 per day for time actually employed. Upon the recommendation of the President, this proposition was accepted and the Secretary was directed to enter into a contract with Kinnear and Miller for this service, said plans to be presented to the Board of Trustees for its consideration and approval.

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The Secretary reported that on September 23, 1921, the following request concerning the matter of architectural services for the University buildings was submitted to the Director of Finance:

Honorable Floyd E. Waite,
Director of Finance,
Columbus, Ohio.

Dear Sir—The University has available certain appropriations for new buildings. For the past fifteen years all of the architectural services for the University have been performed by Professor Joseph N. Bradford, head of our department of architecture, as University Architect.

The Board of Trustees, desiring to continue the architectural services as heretofore, respectfully requests from the Director of Finance information as to the proper procedure to follow from now on.

Very truly yours,

CARL E. STEEB,
Secretary.

In reply to the above, the following letter from the Director of Finance was recieved:

Mr. Carl E. Steeb,
Ohio State University,
Columbus, Ohio.

September 29, 1921.

My dear Mr. Steeb—I have your letter of September 23, in which you inform me that Ohio State University has certain available appropriations for new building, and requesting that the department be allowed to use the services of Professor Joseph N. Bradford as architect in the new work.

Your request is hereby granted. All details with reference to vouchers, payments, etc., should be arranged through Mr. Albert Davis, Budget Commissioner, and Assistant Director of Finance. Sincerely yours,

FLOYD E. WAITE,
Director of Finance.

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The President recommended the following appropriations from the Endowment Fund Income account:

Addition to Service Building.....	\$30,000
Feed stable and housing quarters in connection with the Artillery Barn.....	2,600
Olentangy River Improvement.....	8,000
For the purchase of lands.....	16,400

Upon motion, the above recommendation was approved and the appropriations made.

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The plans, specifications, estimates, and bills of materials as prepared by the University Architect for the addition to the Service Building and the center pavilion of the Sheep Building, were approved.

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The Secretary was directed to present the plans for the center wing of the Sheep Building and the addition to the Service Building to the Director of Highways and Public Buildings for his approval, and when so approved to advertise for bids in accordance with law.

* * * * *

Thereupon, the Board adjourned to meet at the call of the Chairman.

Attest:

CARL E. STEEB,
Secretary

JOHN KAISER
Chairman

OFFICE OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

Columbus, Ohio, October 15, 1921.

The Board of Trustees met at the University at 10:00 a. m., pursuant to the call of the Chairman.

Present: John Kaiser, Chairman; L. E. Laybourne, O. E. Bradfute, J. F. Cunningham.

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The President reported that, upon his request, the city has agreed to place a traffic policeman at the corner of Fifteenth Avenue and High Street.

* * * * *

Upon the recommendation of the President, the following appointments were made, and the necessary amounts appropriated to meet the salaries in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Appropriation
<i>College of Agriculture</i>				
Mrs. Bertha M. Cline	Assistant, Home Economics	Oct. 1, 1921	\$ 60.00 mo.	\$540.00
	Assistant, Home Economics		720.00	Position cancelled
<i>College of Commerce and Journalism</i>				
Russell E. Lyons	Reader, Economics and Sociology	Sept. 1, 1921	150.00	150.00

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Name	Title	Date Effective	Annual Rate	Appropriation
Fred E. Oyer	Reader, Economics and Sociology	Sept. 1, 1921	~150.00	150.00
J. K. Baur	Reader, Economics and Sociology	Sept. 1, 1921	75.00	75.00
Ralph Richards	Reader, Economics and Sociology	Sept. 1, 1921	300.00	150.00
Howard H. Webster	Asst. Economics and Sociology Increased from \$150 to \$300	Sept. 1, 1921	375.00	75.00
<i>College of Homeopathic Medicine</i>				
Ray Manor	Interne, Hospital	Sept. 1, 1921	60.00 mo.	Budget
Dorothy Bray	Student Nurse	July 1, 1921	75.00	Budget
<i>College of Pharmacy</i>				
Raymond J. Albert	Student Assistant	Sept. 20, 1921	200.00	Budget
Kenneth W. Cook	Student Assistant	Sept. 20, 1921	200.00	Budget
Frank Dewey Brill	Student Assistant	Sept. 20, 1921	200.00	Budget
Nellis G. Christman	Student Assistant	Sept. 20, 1921	200.00	Budget
<i>Library</i>				
Mrs G. D. Patterson	Library, Assistant (half time)	Oct. 1, 1921	30.00 mo.	Budget
<i>University Architect's Office</i>				
Hans Liebau	Draftsman	Oct. 1, 1921	230.00 mo	Bldg. Funds
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Upon the recommendation of the University Faculty, the following degrees were granted as of the Class of 1921:

MASTER OF ARTS

Ryllis Clair Alexander, B.A.
 Robert Wentz Edmiston, A.B. (Miami University)
 Grace Althea Golladay, B.Sc. in Edu.
 Florn Washburn Smith, B.Sc. in Edu.
 Errett Morse Selby, B.Sc. in Forestry, B.A.

MASTER OF SCIENCE

Adelaide Pauline Barer, B.A. (State University of Iowa)
 Fred Funston Cope, A.B. (College of Emporia)
 Philip Gerald Horton, B.S. (Denison University)
 William Walter Lake, B.Sc. in Pharm.
 Edward George Meiter, B.S. (Mount Union College)
 Gerard Gordon Osterhof, A.B. (Hope College)
 Yu Seng Tsen, A.B. (University of California)
 Arthur J. Yaney, B.A. (Ohio Wesleyan University)

BACHELOR OF SCIENCE IN AGRICULTURE

August Edward Miller
 James Dwight Palmer
 Ray Carl Spilker
 Thomas Edwin McLaughlin

BACHELOR OF SCIENCE IN HOME ECONOMICS

Hazel Furney
 Lucille Josephine Manney, B.A.

BACHELOR OF ARTS

Elizabeth Batterham
 Stephen Colistus Colopy
 Harriet Gertrude Gaulke

Harriet Silverman
 Jacob Arthur Weller
 Henry Andrew Froebe
 Oliver Leslie Reiser
 Eugenia Bending, B.Sc. in H.E.
 Firman Frederick DeRoche

BACHELOR OF SCIENCE IN EDUCATION

Bessie Cartmell, B.A.
 Gladys Irene DeBolt
 Marguerite Mary Lewis
 Helen Charlotte Mawer
 Elmer T. Naylor
 Henry Charles Kohler

BACHELOR OF CHEMICAL ENGINEERING

Richard Dikran Osgerichian
 Robert Harold Schmidt

BACHELOR OF LAWS

Golden Norman Dagger, B.A.

DOCTOR OF MEDICINE

Wilbur Lee Ashton, B.Sc.
 Karl Dresbach Reichelderfer
 Paul Whitney Palmer, B.A.

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Upon the recommendation of the President, R. R. Jefferies was appointed temporary substitute for L. M. Montgomery with the rank of Assistant Professor in the department of Horticulture for the year ending June 30, 1922, at a salary of \$3000, this appointment to be effective as of September 1, 1921, and to terminate June 30, 1922.

* * * * *

The President presented a request from Dean Vivian asking that the appropriation for advance registry work as carried by H. B. No. 301 under the classification of A1 salaries, \$4000. be reclassified by the State Controlling Board in order that the appropriation might be made available for all items needed to pay for the work of supervising advance registry.

The request of Dean Vivian was agreed to and the Secretary was directed to present formal request to the State Controlling Board to reappropriation the \$4000 appropriated under A1 as follows:

A1 Salaries	\$ 600
A2 Wages	760
C4 Office Supplies and Postage.....	500
C8 Educational Supplies	300
E1 Office Equipment	240
F6 Traveling Expense	1,100
F7 Communication	500
Total	\$4,000

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Dr. Burrett was authorized to attend the Clinical Congress of Surgeons and the annual meeting of the American College of Surgeons Hospital Conference in Philadelphia, October 24, the University to pay

railroad fare and pullman, the above action subject to the approval of the State Emergency Board.

Professor Landsittle was authorized to attend the meeting of the North Central Teachers' Association at Chicago, March 16, 17, 18, the University to pay railroad fare and pullman, the above action subject to the approval of the State Emergency Board.

The President presented a report from the special committee on non-resident fees. Upon motion, this report was referred to Mr. Laybourne and Judge McCann for their consideration.

Upon the recommendation of the President, it was ordered that members of instructional forces of Ohio colleges shall be permitted to register and take work in the Graduate School without payment of the usual incidental fees. This order to become effective as of this date.

The Secretary presented the following communication from the University Architect:

October 12, 1921.

Mr. C. E. Steeb, Secretary,
Board of Trustees.

Dear Sir—To provide for future extension of the Addition to Chemistry Building, and to make it more convenient and less expensive to connect with a future service tunnel for the engineering group of buildings, it is necessary to place a tunnel under the floor of the present structure for the location of heating mains, gas mains, water mains, and electric cables. This tunnel will obviate any tearing up of the floor in the future and allows all pipe to be concealed under the floor and avoids the unsightly exposing of them in rooms and corridors.

This tunnel is 125' long, 4' wide and 5' deep and is to be constructed of reinforced concrete. Its location and cross-section is shown on the accompanying drawing.

The contractors, D. W. McGrath & Sons, have given me a price of \$13.20 per lin. ft., or \$1,650.00 total, for this work.

I recommend that the work be authorized as an extra on the Chemistry Building, and that the contractor be directed to proceed at once with the work at the price stated.

Respectfully submitted,

(Signed) JOS. N. BRADFORD,
University Architect.

Upon motion, the above recommendation, at the price named, was approved and the Secretary was directed to present the same to the State Building Commission for its approval.

Thereupon, the Board adjourned to meet at the call of the Chairman.

Attest:

CARL E. STEEB,
Secretary

JOHN KAISER,
Chairman

OFFICE OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

Columbus, Ohio, November 18, 1921.

The Board of Trustees met at the University at 10:00 a. m. pursuant to the call of the Chairman.

Present: John Kaiser, Chairman; T. C. Mendenhall, L. E. Laybourne, B. F. McCann, J. F. Cunningham.

* * * * *

The President of the University was directed to represent the University at the inauguration of President Kinley of the University of Illinois, December 1 and 2, 1921.

* * * * *

Upon the recommendation of the University Faculty, the following degrees were granted:

MASTER OF ARTS

Faustine Alston, B.A. (University of Wisconsin)

MASTER OF SCIENCE

Arthur Talbot Bawden, B.S. (Denison University)

Joseph Lee Gayle, B.S. Agr. University of Kentucky)

James Green Steed, B.S. (Ohio University)

BACHELOR OF SCIENCE IN AGRICULTURE

(As of the Class of 1921)

Robert Arthur Mayne

BACHELOR OF ARTS

(As of the Class of 1921)

Kathryn Louise McClure

Ruth Ellen Mendenhall

Robert Allan Moore

Lorenz Charles Nicol

Ruth Marie Veth

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

(As of the Class of 1921)

Harry Lee Gibbons

Luke E. Miller

DOCTOR OF MEDICINE

(As of the Class of 1921)

Daniel Galbreath Sanor, B.Sc.

Frank Frederick Schmidt, B.Sc.

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Upon the recommendation of the President, the following named persons were granted certificates of graduation from the University Homeopathic Hospital Training School for Nurses:

Wanda Fay Hahn.....September 12, 1921

Jeanette L. Almand.....November 15, 1921

Emilie Jungerman.....November 1, 1921

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Upon the recommendation of the President, Mr. Glenn Alexander was appointed Instructor in the department of Physical Education at a salary of \$1,500, effective September 1, 1921, with the distinct un-

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derstanding that this appointment carries no obligation for next year.

At this time the Board recessed to open bids for new buildings as per advertisement.

In the presence of bidders, the Board of Trustees and the State Architect, representing the Department of Highways and Public Works, the following bids were received, opened and publicly read at 12 o'clock noon, November 18, 1921:

1. POWER HOUSE

E. Elford, Columbus, Ohio.....	\$162,900.00	
Austin Co., Cleveland, Ohio.....	191,059.00	
D. W. McGrath & Sons, Columbus, Ohio.....	184,940.00	
E. H. Latham Co., Columbus, Ohio.....	167,122.00	
Robert H. Evans Co., Columbus, Ohio.....	178,693.00	
Middle States Construction Co., Columbus, Ohio.....	193,246.00	
Pitt Construction Co., Pittsburgh, Pa.....	210,450.00	
Cuthbert Bros., Pittsburgh, Pa.....	197,992.00	
State Construction Co., Columbus, Ohio.....	199,800.00	
Drummond-Miller Co., Cleveland, Ohio.....	193,000.00	
Brown Hoisting Machinery Co. (Bunker) Cleveland.....	9,650.00	

2. ADDITION TO BROWN HALL—General Contract

E. Elford, Columbus, Ohio.....	\$ 84,370.00	
Deduct Alternate Item 12.....	4,500.00	\$ 79,870.00
D. W. McGrath & Sons Co., Columbus, Ohio.....	87,980.00	
Deduct Alternate Item 12.....	6,350.00	81,630.00
E. H. Latham Co., Columbus, Ohio.....	93,883.00	93,883.00
Deduct Alternate Item 12.....		
Robert H. Evans Co., Columbus, Ohio.....	91,496.00	
Deduct Alternate Item 12.....	5,800.00	85,696.00
State Construction Co., Columbus, Ohio.....	99,800.00	
Deduct Alternate Item 12.....	7,000.00	92,800.00
Geo. B. Hicks, S. Charleston, Ohio.....	95,591.00	
Deduct Alternate Item 12.....	3,500.00	92,091.00
Drummond-Miller Co., Cleveland.....	113,000.00	\$113,000.00
Deduct Alternate Item 12.....		

HEATING, VENTILATING, AND PLUMBING

Fitzpatrick & Hoepfner, Columbus.....	\$ 16,435.00
The Knox Plumbing & Heating Co., Mt. Vernon, Ohio, Plumbing Only	8,123.00
The Wm. H. Conklin Co., Columbus.....	15,729.00
The Huffman-Wolfe Co., Columbus, Ohio.....	15,348.00
The Samuel A. Esswein Plumbing Co.....	16,320.00

ELECTRICAL WORK

McMasters Electric Co., Columbus, Ohio.....	3,193.00
Paul L. Gilmore Co., Columbus, Ohio.....	3,195.00
The Electric Power Equipment Co., Columbus, Ohio.....	2,763.00
The Hughes-Peters Electric Co., Columbus, Ohio.....	2,869.00

3. ADDITION TO PHYSICS BUILDING—General Contract

E. Elford, Columbus, Ohio.....	67,884.00
D. W. McGrath & Sons, Columbus, Ohio.....	73,984.00
E. H. Latham Co., Columbus, Ohio.....	69,064.00
Robert H. Evans & Co., Columbus, Ohio.....	68,302.00
State Construction Co., Columbus, Ohio.....	79,288.00
Drummond-Miller Co., Cleveland, Ohio.....	80,000.00
Geo. B. Hicks, S. Charleston, Ohio.....	86,175.00

HEATING, VENTILATING, AND PLUMBING

The Samuel A. Esswein Plumbing & Heating Co., Columbus, O.	5,668.00
The Wm. H. Conklin Co., Columbus, Ohio.....	5,759.00
The Fitzpatrick & Hoepfner Co., Columbus, Ohio.....	4,960.00
The Huffman-Wolfe Co., Columbus, Ohio.....	4,838.00
E. M. Carmel, Columbus, Ohio (Plumbing only).....	1,604.00

ELECTRICAL WORK

The Hughes-Peters Electrical Co., Columbus, Ohio.....	1,498.00
The Electric Power Equipment Co., Columbus, Ohio.....	1,694.00
Paul L. Gilmore Co., Columbus, Ohio.....	2,029.00
McMasters Electric Co., Columbus, Ohio.....	1,693.00

4. CENTER PAVILION SHEEP BUILDING—General Contract

Robert H. Evans Co., Columbus, Ohio.....	8,445.00
F. & Y. Construction Co., Columbus, Ohio.....	9,049.00
Adam Pitts, Columbus, Ohio.....	9,966.50
Plumbing, E. M. Carmel.....	438.00

5. MACK HALL (GIRLS' DORMITORY)—General Contract

E. Elford, Columbus, Ohio.....	148,700.00
L. L. LeVeque, Columbus, Ohio.....	133,200.00
D. W. McGrath & Sons, Columbus, Ohio.....	155,484.00
E. H. Latham, Columbus, Ohio.....	175,750.00
Robert H. Evans & Co., Columbus, Ohio.....	156,306.00
Cuthbert Bros., Pittsburgh, Pa.....	186,550.00
State Construction Co., Columbus, Ohio.....	168,673.00
Drummond-Miller Co., Cleveland, Ohio.....	183,000.00
George B. Hicks, S. Charleston, Ohio.....	154,708.00
E. E. Beckett, Columbus, Ohio.....	121,720.00

HEATING, VENTILATING, AND PLUMBING

Fitzpatrick & Hoepfner, Columbus, Ohio.....	34,226.00
Knox Plumbing & Heating Co., Mt. Vernon, Ohio, Plumbing only.....	33,435.00
Huffman-Wolfe Co., Columbus, Ohio.....	36,807.00
Wm. H. Conklin Co., Columbus, Ohio.....	34,185.00
Samuel Esswein Plumbing Co., Columbus, Ohio.....	39,395.00

ELECTRICAL WORK

McMasters Electric Co., Columbus, Ohio.....	3,496.00
Paul Gilmore Co., Columbus, Ohio.....	3,295.00
Electric Power Equipment Co., Columbus, Ohio.....	3,848.00
Hughes-Peters Electric Co., Columbus, Ohio.....	3,498.00

The above bids were referred to the University Architect and the State Architect for examination, tabulation and recommendation.

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Upon the recommendation of the President, the following resignations were accepted and the balances cancelled in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Cancellation
<i>Agricultural Extension</i>				
Bernice Franklin	Stenographer	Oct. 15, 1921	\$ 960.00	
M. A. Nye	Assistant Farm Management Demonstrator	Oct. 15, 1921	2,700.00	
<i>College of Agriculture</i>				
L. G. Souders	Assist. Herdsman, Animal Husb.	Nov. 1, 1921	1,080.00	\$ 720.00
<i>College of Engineering</i>				
R. L. Sweigert	Assist., Mechanical Engineering	Oct. 28, 1921	1,500.00	1,200.00
Harry K. Linzell	Grad. Assist., Chemistry	Nov. 1, 1921	500.00	400.00

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Name	Title	Date Effective	Annual Rate	Cancellation
<i>College of Homeopathic Medicine</i>				
Mary Ferguson	Supervisor of Pharmacy	Oct. 1, 1921	840.00	630.00
<i>College of Medicine</i>				
Harold E. Lowery	Laboratory Assist., Bacteriology	Nov. 1, 1921	600.00	400.00
<i>College of Veterinary Medicine</i>				
C. W. King	Groom	Sept. 1, 1921	1,200.00	1,000.00
<i>Physical Education</i>				
R. L. Stewart	Student Assistant	Nov. 1, 1921	320.00	320.00
<i>Stenographic and Clerical</i>				
Alberta Williams	Stenographer	Sept. 20, 1921	960.00	746.67
Position cancelled	Stenographer		960.00	960.00
Position cancelled	Stenographer		960.00	960.00
Marie Kuglen	Stenographer	Oct. 1, 1921	640.00	400.00
	Transferred to Smith-Hughes			
Ruth Giesen	Stenographer, Phys. Education	Aug. 15, 1921	960.00	840.00
<i>Operation and Maintenance</i>				
Alfred Booker	Janitor	Aug. 31, 1921	1,140.00	950.00
Myrtle Trout	Laundress	Aug. 31, 1921	750.00	625.00

Upon the recommendation of the President, the following appointments were made and the necessary amounts appropriated to meet the salaries in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Appropriation
<i>Agricultural Extension</i>				
Lynn W Finley	County Agr. Agent	Oct. 1, 1921	1,800.00	
	Supp. Ext. Fund.....	\$133.33		
	Monroe Co. Fund.....	16.67		
	Total	\$150.00		
	Automobile maintenance, Monroe Co.			
	Funds	\$600.00		
Anna L. Williams	Stenographer	Nov. 1, 1921	80.00 mo.	
	Smith-Lever Funds in Project No. 11			
<i>College of Agriculture</i>				
Ray Garrett	Assist. Herdsman Animal Husb.	Nov. 1, 1921	1,080.00	720.00
<i>College of Commerce and Journalism</i>				
Frances L. Segal	Reader, Sociology	Oct. 1, 1921	150.00	135.00
<i>College of Engineering</i>				
Samuel Reid Beidler	Assist., Mechanical Engineering	Nov. 1, 1921	1,500.00	1,200.00
Donald S. Villars	Graduate Assist., Chemistry	Nov. 1, 1921	500.00	400.00
<i>College of Homeopathic Medicine</i>				
Edna Wright	Student Nurse	Aug. 1, 1921	75.00	68.75
Emilie Jungermann	Pharmacy Nurse	Nov. 4, 1921	840.00	553.00
Mrs. Clara Dennis	Housekeeper, Nurses' Home	Nov. 1, 1921	696.00	Rotary
<i>College of Medicine</i>				
Howard I. Lowery	Laboratory Assist., Bacteriology	Nov. 1, 1921	600.00	400.00
<i>College of Veterinary Medicine</i>				
A. W. Fisher	Groom	Sept. 1, 1921	1,200.00	1,000.00
<i>Physical Education</i>				
Cecil Edward Clough	Student Assistant	Nov. 1, to May 31	280.00	280.00

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Name	Title	Date Effective	Annual Rate	Appropriation
<i>Stenographic and Clerical</i>				
Martha Okey	Stenographer, Horticulture	Aug. 1, 1921	960.00	880.00
Anne G. Bierman	Stenographer, Phys. Education	Sept. 16, 1921	960.00	760.00
Ruth Harrington	Stenographer, Art	Oct. 1, 1921	960.00	720.00
Blanche M. Seddon	Stenographer, Edu. Research	Oct. 1, 1921	900.00	675.00
<i>Operation and Maintenance</i>				
James Mack	Steam Fitter	Aug. 1, 1921	1,500.00	Budget
Robert Farrel	Laborer	Aug. 14, 1921	1,140.00	Budget
Clara Derfingler	Janitress	Sept. 9, 1921	780.00	640.00
Jennie Farrel	Janitress	Sept. 16, 1921	620.00	570.00
Emma Munyan	Laundress	Sept. 9, 1921	750.00	612.98

Upon the recommendation of the President, the salary of R. C. Smith, County Club Agent, was increased from \$2400.00 to \$2650.00 per annum, effective October 1.

The President presented, with his recommendation for approval, the following request from the women students of the University:

We, the Woman's Ohio committee, having been authorized by the women of the University in convocation assembled, do hereby respectfully present to the Board of Trustees the request that a fee of one dollar be added to the semester cards of all women students such provision to become effective next semester and continue indefinitely thereafter; the funds accruing in this way to be placed at the disposal of the Woman's Ohio under the supervision of the Board of Trustees and to be used towards the furnishing of the Woman's Ohio Union.

Signed: MARIE MIRVIS, Chairman,
DOROTHY E. NEFF,
ELIZABETH GUERIN,
ANNANETTE BLUE,
MARY MOLEK,
HELEN E. CHERRINGTON,
MILDRED COWELL,
ARDIS NORTH,
MARGARET H. CRAMER,
MILDRED L. CLINE,
ELIZABETH DOUGLAS.

Upon motion, the Trustees authorized the fee of one dollar to be added each semester to the fee cards of all women students, effective with the beginning of the second semester of the current year. Funds accruing from this fee to be used by the women towards furnishing a portion of the Women's Ohio Union, under the supervision and with the approval of the Board of Trustees.

The President presented numerous requests for travel and the same were referred back to the President with power to act in accordance with the report from the specially appointed faculty committee on traveling expense.

The Secretary presented the following report from Schenck & Williams, consulting architects and engineers on the Stadium:

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Mr. Carl E. Steeb, Secretary,
Ohio State University.

Dear Sir—In accordance with your request, the writer made a careful inspection of the work in progress on the Stadium site, and also went over with Professor Morris the office work, detailing, etc., which he is carrying on.

As a result of this inspection we have nothing to offer but praise for the manner in which Professor Morris is managing this work. The quality of the concrete is uniformly excellent, due largely to the careful construction and arrangement of the mixing plant, and the thorough inspection which is being made of all operations. At first sight the method of transporting concrete from the mixer to the forms would seem to be rather slow, but any form of gravity distribution would necessitate the addition of more water to the mixture, and this would undoubtedly weaken the concrete. The method used is producing the very best concrete possible, and the work as a whole seems to be progressing at a very satisfactory speed.

The costs of the various operations, which are being very carefully kept by Professor Morris, seem to us to be quite low for present day work, and indicate very good management by all concerned.

In conclusion we can only say that this work could not be in better hands, and that you can safely trust Professor Morris to obtain for you the best possible job.

Yours very truly,

SCHENCK & WILLIAMS,

(Signed) NELSON J. BELL,

Chief Engineer.

October 24, 1921.

Upon motion, the above report was ordered made a part of the record of this meeting.

* * * * *

Thereupon, the Board recessed to meet in the morning at 10:00 a. m., at the University.

* * * * *

November 19, 1921.

The Board met at 10:00 a. m., with the same members present as at yesterday's session.

* * * * *

The President and Secretary were directed to proceed at once with the negotiations to purchase the remainder of the lots in the Doe Alley section and to report from time to time to the Board of Trustees as to the progress made. The estimated valuation of the unpurchased lots in this section is \$49,000 and it was ordered that as much as may be necessary shall be paid from the Interest on Endowment Fund.

* * * * *

The Secretary presented estimates and specifications prepared by Mr. McCracken covering a conduit pipe line and electric cables necessary to connect the Research Animal Building with the University power plant. The estimated cost was \$4,333.31. The necessity for this work was approved by the Trustees and the Secretary was directed

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to so notify Mr. G. B. McCann of Dayton, trustee of the Kettering gift, and ask for instructions.

The President presented a communication from Dean Hitchcock concerning a five days good roads school to be held at the University at some time during the winter, under the direction of the Department of Civil Engineering. Due to lack of funds and facilities, the Trustees declined this request.

The University Architect was authorized to prepare plans, specifications, and estimates for an addition to the Archaeological and Historical Society Building on the same basis as governed at the original contract.

The University Architect presented the following reports and recommendations covering the bids received yesterday, stating that these recommendations are concurred in by Robert S. Harsh, State Architect and Engineer, who assisted in the analysis and tabulation of the bids of the several buildings:

I have examined the bids received this date for the construction of an Addition to Brown Hall and find that the low bids are as follows:

E. Elford items 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12,	
13, 14, 15, 16, 17, 21, 22, 23.....	\$ 84,370.00
Deduct on item 12.....	4,500.00
Total	\$ 79,870.00
Huffman-Wolfe Co., items 19 and 20.....	\$ 15,348.00
Electric Power Equipment Co., item 18.....	2,763.00
Architect's fees.....	1,960.74
Grand Total	\$ 99,941.74
Architect's estimate on above.....	\$ 99,997.74

The bidders complied with all requirements.

I recommend that contracts for this building be awarded to E. Elford, The Huffman-Wolfe Co., and the Electric Power Equipment Co., for their bids as stated above.

Respectfully submitted,

(Signed) JOSEPH N. BRADFORD,
University Architect.

Upon motion, the above recommendation was agreed to and the contracts for this building were awarded to E. Elford, including alternate on item 12, The Huffman-Wolfe Company, and The Electric Power Equipment Company at their bids as recommended above and the following resolution was passed:

The Secretary is hereby authorized and directed to prepare a contract in the usual form for execution by the Contractor and the Department of Highways and Public Works, such contract in such form is hereby approved, and it is hereby determined to proceed with the work contemplated by the above award under such contract. The Secretary is hereby authorized and directed to certify the above action of this

Board on the contract or in any other form that may be required to attest the same.

* * * * *

I have examined the bids received this date for the construction of an Addition to Physics Building, and find that the low bids are as follows:

E. Elford, items 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 18, 19.....	\$ 67,884.00
Hughes-Peters Electrical Co., item 11.....	1,498.00
Huffman-Wolfe Co., items 16 and 17.....	4,838.00
Architect's fees	2,328.72

Total \$ 76,548.72

Architect's estimate on above, plus fees..... \$ 79,952.72

The bidders complied with all requirements.

The lowest combination of bids on the Addition and the Alternate "A," Proposed Fourth Floor, Physics Building, are as follows:

D. W. McGrath on Addition.....	\$ 73,984.00
D. W. McGrath, General Contract, Alternate "A".....	55,818.00
Fitzpatrick & Hoepfner, Heating and Plumbing addition	4,960.00
Fitzpatrick & Hoepfner, Heating and Plumbing Alternate "A".....	11,309.00
Hughes-Peters Electrical Co., Addition.....	1,498.00
Hughes-Peters Electrical Co., Alternate "A"....	1,739.00
Architect's fees.....	2,328.72

Total \$151,636.72

Architect's estimate on addition..... \$ 77,624.00

Architect's estimate on Alternate "A"..... 75,900.00

Architect's fees 2,328.72

Total \$155,852.72

The bidders have complied with all requirements.

If it is decided to construct only the addition to Physics Building, I recommend that contracts be awarded to E. Elford, The Hughes-Peters Electrical Co., and The Huffman-Wolfe Co., for their bids as stated above.

If it is decided to construct the Addition to Physics Building and Alternate "A," Fourth Floor to Physics Building, I recommend that contracts be awarded to D. W. McGrath, Fitzpatrick & Hoepfner, and The Hughes-Peters Electrical Co., for their bids as stated above.

Respectfully submitted,

(Signed) JOSEPH N. BRADFORD,
University Architect.

Upon motion, it was decided to construct only the addition to the Physics Building and the contracts for this work were awarded to E. Elford, The Hughes-Peters Electrical Company, and The Huffman-Wolfe Company at their bids as recommended above, and the following resolution was passed:

The Secretary is hereby authorized and directed to prepare a contract in the usual form for execution by the Contractor and the Department of Highways and Public Works, such contract in such form is hereby approved, and it is hereby determined to proceed with the work contemplated by the above award under such contract. The Secretary is hereby authorized and directed to certify the above action of this Board on the contract or in any other form that may be required to attest the same.

* * * * *

I have examined the bids received this date for the construction of the Power House and find that the low bids are as follows:

E. Elford, items 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12,	
13, 14, 15, 16, 22, 24, 25.....	\$162,900.00
Brown Hoisting Machinery Co., item 23.....	9,650.00
University reserved items 17, 18, 19.....	36,298.00
Brick furnished by the University.....	10,000.00
Architect's fee.....	6,000.00
Total	\$224,848.00

Architect's estimate..... \$306,000.00

The bidders complied with all requirements.

I recommend that contracts for this building be awarded to E. Elford and The Brown Hoisting Machinery Co., for their bids as stated above.

Respectfully submitted,

(Signed) JOSEPH N. BRADFORD,
University Architect.

Upon motion, the above recommendation was agreed to and the contracts for this building were awarded to E. Elford and The Brown Hoisting Machinery Company for their bids as stated above, and the following resolution was passed:

The Secretary is hereby authorized and directed to prepare a contract in the usual form for execution by the Contractor and the Department of Highways and Public Works, such contract in such form is hereby approved, and it is hereby determined to proceed with the work contemplated by the above award under such contract. The Secretary is hereby authorized and directed to certify the above action of this Board on the contract or in any other form that may be required to attest the same.

Upon motion, the Architect was directed to prepare plans, specifications, and estimates for the following items for the Power House:

1. Heating and ventilating.
 2. Plumbing.
 3. Electrical work.
 4. Traveling crane.
- Total of this work not to exceed \$50,000.00.

I have examined the bids secured this date for the construction of Center Pavilion, Sheep Building, and find that all

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bids are in excess of the Architect's estimate of \$7,242.00.
The lowest total bid that of R. H. Evans & Co., \$8,445.00.

I recommend that all bids be rejected.

Respectfully submitted,

(Signed) JOSEPH N. BRADFORD,
University Architect.

Upon motion, the recommendation of the Architect was agreed to and all bids were rejected. Two thousand dollars additional was appropriated from the Reserve Building Fund for the Center Pavilion of the Sheep Building and the Architect was directed to prepare revised plans, specifications, and estimates in accordance therewith.

I have examined the bids received this date for the construction of Mack Hall (Girl's Dormitory) and find that the low bids are as follows:

E. E. Beckett, items 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 22, 23, 24.....	\$121,720.00
Paul Gilmore Co., item 21.....	3,295.00
Wm. H. Conklin Co., items 16 and 20.....	34,185.00
Architect's fees.....	2,941.00
Total	\$162,141.00
Architect's estimate.....	\$147,050.00

As the bids are in excess of the estimate, it is recommended that all bids be rejected.

Respectfully submitted,

(Signed) JOSEPH N. BRADFORD,
University Architect.

Upon motion, the recommendation was agreed to and all bids were rejected.

Upon motion, \$20,000 additional was appropriated from the Reserve Building Fund to the Mack Hall appropriation, and \$31,000 remaining from the Power House appropriation was transferred to the allowance for Mack Hall and the Architect was directed to prepare revised plans, specifications, and estimates in accordance therewith.

* * * * *

The Trustees decided at this time to proceed with the construction of the President's residence and the University Architect was directed to prepare plans, specifications, and estimates for the President's residence, same to be located on Eleventh Avenue, east of the site set aside for women's dormitories.

* * * * *

Thereupon, the Board adjourned to meet December 14, 1921, at 7:30 p. m., at the University.

Attest:

CARL E. STEEB,
Secretary

JOHN KAISER
Chairman

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OFFICE OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

Columbus, Ohio., December 14, 1921.

The Board of Trustees met at the University at 7:30 p. m., pursuant to the call of the Chairman.

Present: John Kaiser, Chairman; T. C. Mendenhall, L. E. Laybourne, B. F. McCann, J. F. Cunningham.

* * * * *

The President presented the following report on the Four-quarter Plan:

REPORT SUBMITTED BY THE PRESIDENT OF THE UNIVERSITY TO THE BOARD OF TRUSTEES AND TO THE FACULTY OF THE OHIO STATE UNIVERSITY, COLUMBUS, OHIO, ON THE FOUR-QUARTER PLAN
INTRODUCTORY

At the outset it may be stated that prior to the World War the question of changing to the Four-quarter Plan was the subject of occasional conversation. In the Board of Trustees the feeling seemed to prevail that the change was desirable in the interests both of economy of organization and educational efficiency. The initial promotion of the idea of a Fourth Quarter in the Board of Trustees was due to Mr. Julius F. Stone while a member of the Board. Some favorable echoes to such a sentiment were discovered in the minds of State officials, legislators, and occasionally in the minds of citizens. No definite conception of a Four-quarter Plan, however, was in the minds of any of these people. The participation in the World War interrupted, of course, all plans and projects. The University was adjusted to a war basis and all plans for orderly development were abandoned. Since the war, however, the question of a Four-quarter Plan has again arisen. It is a matter of common knowledge that the Faculty voted approving the project and that the Board of Trustees concurred in this general approval. This must not be interpreted, however, as assuming anything like a concurrent agreement between the Faculty and Trustees upon a particular program. It was a commitment of both bodies for the time to the general considerations and to the desirability of inaugurating the Four-quarter Plan. Subsequently, the legislature made a small initial appropriation definitely assigned to this project. This appropriation will be recognized as inadequate, but at the same time it is worth while to observe that it is a departure from the usual custom of the legislature in appropriating for a project or enterprise before it has been brought into existence. Ordinarily a project must be started before the legislature will undertake to maintain it. For some years after the institution was opened the legislature declined even to pay the expenses of the Board of Trustees. It is, therefore, not to be assumed that the action of the legislature already taken is anything else than an encouragement to the project.

As a matter of record attention may be directed to the fact that under date of June 15, 1918, the President submitted a report on the

Four-quarter Plan. Under date of November 7, 1917, the report of the College of Engineering was presented to the University Faculty. Under date of December 19, 1917, the Summer Session Committee submitted a report to the University Faculty. Under date of May 23, 1918, the Agricultural Faculty presented a report. In November, 1917, the motion was adopted by the University Faculty requesting the President to appoint a committee to investigate the matter of the Four-quarter Plan and to report at the December meeting of the Faculty. On May 15, 1918, a report was submitted to the Administrative Council. On May 29, 1918, a special meeting of the University Faculty was held and a report submitted setting out the educational considerations with the following recommendation, which was adopted:

"Resolved, That the University Faculty favors the adoption of a Four-quarter Plan with provision for enlarged educational opportunities including a full summer quarter to the end of increased efficiency in higher education and greater educational service to the State and Nation, and the Faculty hereby pledges itself to put a Four-quarter Plan into operation as soon as sufficient funds are provided for the purpose."

This action was taken during the World War and may be presumed to have reflected in some degree the necessities recognized as growing out of conditions due to the war.

Later, at a meeting of the Trustees held November 5, 1920, Mr. Mallon presented the following resolution, which was adopted:

"The Board of Trustees, having considered at several meetings the policy of inaugurating a system of four terms a year and having received a favorable report on the question from the Faculty, hereby approve said policy and request the President of the University to report upon the necessary adjustments and the feasibility of making such change effective in the fall of 1921."

Under the date of February 2, 1921, the President presented to the Board of Trustees the following resolution adopted by the University Faculty:

"That the Board of Trustees be requested to appoint a committee of that body to collaborate with a committee of this Faculty to bring back to the Faculty a more detailed statement as to what is involved in changing from the Semester to the Four-quarter Plan; that the Faculty doubts the feasibility of changing to the Four-quarter Plan in September, 1921."

Upon motion, a committee consisting of Dr. Mendenhall and Mr. Cunningham was appointed to meet with a similar committee from the Faculty as requested in the above resolution.

Under date of February 11, 1921, the President presented the following communication from the Secretary of the Faculty:

"At a meeting of the University Faculty held on Thursday, February 10, the following report was received from the Engineering College:

"At a meeting of the Faculty of the College of Engineering held February 9, 1921, the following motion was passed and is hereby transmitted to the University Faculty for appropriate action.

"The Faculty of the College of Engineering approved the general principle of the Four-quarter System of the division of the college year for all colleges and recommends that the curricula of each of the four quarters be arranged by the college faculty concerned to suit the specific needs of that college, subject to the rules of the University Faculty."

"On motion it was agreed that this report be received and placed on file, and a copy transmitted to the Board of Trustees."

"Professor Caldwell, chairman of the committee appointed to collaborate with the Board of Trustees, presented the following report:

"Your committee has held two informal meetings with Dr. T. C. Mendenhall, one of the conference committee of two, appointed by the Board of Trustees. The other member, Mr. Cunningham, has so far been unable to take part in the meetings. A formal session of the whole committee is scheduled for this Thursday evening. Your committee has therefore no official information from the Board. It appears, however, that the Board has been considerably disappointed that there has been so much delay and that so long an interval has elapsed since their first action on November 5. The Board expects to take final action on Friday."

"After conference with Dr. Mendenhall, the Faculty members of the joint committee on the Four-quarter Plan are of the opinion that such a plan would mean an academic year of 48 weeks divided into four terms, or quarters of 12 weeks each as nearly as possible; that the proposed plan does not necessarily imply concentration; that is, the increase in the number of hours per week of the subjects taught, but in general the tendency would be in that direction, with the elimination for the most part of one-hour and two-hour courses; that it is our understanding that three quarters would constitute the regular teaching load of instructors of all grades, who by teaching extra or four quarters would be allowed to accumulate a corresponding amount of leave of absence on pay for use in improving themselves professionally; that it would not be feasible to begin this plan at the Ohio State University before the summer of 1922. It is understood, of course, that the details of such a plan would have to be worked out carefully in the light of the needs of this University and out of the experience of other institutions where the Four-quarter Plan is in operation."

"The committee has received the definite impression that the Board of Trustees desires that the Faculty take action at this meeting and we recommend that a vote of the Faculty be taken on the merits of the Quarter system."

"Respectfully submitted,

"(Signed) F. C. CALDWELL, W. H. SIEBERT, ALFRED VIVIAN, J. E. HAGERTY, R. PINTNER'."

"Professor Caldwell moved that this report be received and placed on file. The motion was seconded and carried."

"Dean Hitchcock presented the following resolution:

"Resolved, That the University Faculty does hereby affirm its action of May 29, 1918, in favor of the adoption of the Four-quarter Plan, but that it suggests to the Board of Trustees the advisability of postponing its inauguration till the summer quarter of 1922."

"It was moved and seconded that this resolution be adopted. The motion was carried by 53 ayes and 38 noes."

At this same meeting of the Board of Trustees, Dr. Mendenhall, chairman of the special committee of the Board of Trustees appointed to confer with a like committee from the Faculty on the Four-quarter Plan, presented the following minute which was unanimously adopted:

"Your committee appointed to confer with a committee of the Faculty upon the question of the adjustment of the work of the University upon a 'Four-quarter' basis, begs to report that after several conferences with said committee, the following resolution which was adopted by the Faculty by a vote of 53 to 38, was received:

"Resolved, That the University Faculty does hereby reaffirm its action of May 29, 1918, in favor of the adoption of the Four-quarter Plan, but that it suggests to the Board of Trustees the advisability of postponing its inauguration till the summer quarter of 1922."

"In view thereof, it is recommended that the inauguration of the Four-quarter Plan be set for July 1, 1922, and that the President and the Faculty are hereby requested to proceed at once to the preparation of a scheme for adjustment of the work of the University in accordance with this action."

A special meeting of the University Faculty was called for May 10, 1921, to consider the following recommendations of the Central Committee on Four-quarter Plan:

"1. That accrediting be left on the hour basis.

"2. That the work of the first (i. e. Freshman) year be arranged on the basis of five-hour courses, the student to carry each quarter three five-hour courses exclusive of Deans' courses, Physical Education, Military Drill, and Hygiene.

"3. That the work of the second (i. e. Sophomore) year be arranged on the basis of five-hour courses, the student to carry each quarter three five-hour courses exclusive of Physical Education and Military Drill, subject to the following modifications:

"(a) That any student who has shown unusual ability during the first year may on the approval of the executive committee of the college carry on an additional course.

"(b) In prescribed curricula where more than 15 hours are required, the student shall carry two five-hour courses, the remaining hours to be distributed at the discretion of the college."

"4. That for work beyond the second year the number of hours per course shall be left to the discretion of the college, but that the principle of concentration be strongly endorsed in order that the student may carry the least possible number of courses in any one quarter."

Pursuant to the actions as intimated above, the Trustees authorized the President to secure some special assistance in order to make a study of the university organization and of the changes that would appear to be desirable or necessary in order to initiate the Four-quarter Plan. Acting under this authority Mr. Frazer of Frazer and Torbet, Chicago and New York, was employed, and associated with him was Mr. McKinsey, an expert in organization familiar with all the details of university organization and with the operation of the Four-quarter Plan. Both of these gentlemen have served as college professors in Wisconsin, Illinois, Chicago, and brought to their study a practical experience in university faculties. In addition to this service, Professor M. B. Evans of the University rendered valu-

able service in collecting from the University Faculty data desired by Mr. Frazer and has assisted at every point in the arrangement of this material.

A report comprising about one hundred pages of typewritten material has been submitted. The chief outlines in this report cover the following topics:

- A. Recommendations as to Organization.
- B. Proposed Budget for Instruction for the Fiscal Year Beginning July 1, 1922.

Under Item A the following subdivisions are treated:

- I. The Basis for Organization.
- II. Organization of the Department.
- III. Organization of the College.
- IV. Organization of the office of the President.
- V. Organization of the Faculty.
- VI. Proposed By-laws of the Board of Trustees.

Under Item B the following topics are treated:

- I. Purposes and Basis of Preliminary Budget.
- II. Organization of Budget Data.
- III. Summary of Budget Data.
- IV. Recommendations with Reference to the Preparation of Future Budgets.

The above outlines were, of course, treated in great detail and subjected to careful analysis and subdivisions.

After repeated readings of the report and some consideration, the President is of the opinion that a large amount of the report bearing upon the question of organization is exceedingly valuable as a discussion of organization. It does not occur to him, however, that the essential and vital issue involved in installing a Four-quarter Plan carries with it either the acceptance or rejection of the suggestions concerning organization. It was freely stated by Mr. Frazer in interviews that the study in organization aimed to retain the desirable and valuable features of organization that have been developed at this institution through the years and at the same time so to crystallize these features as to insure their permanence. The desire was further expressed of so developing the existing organization as to improve it and to distribute in a more desirable way the functions of administrative officers through a better definition and a more formal statement of the duties of offices authorized and created through the authority of the Trustees. It will occur to any one upon reflection that the modern university with its enormous growth demands adequate organization. It will be obvious, however, that most institutions, and especially those where a long tenure of office has existed on the part of presidents and other administrative officers, have grown up without the desirable readjustments in organization. This forms the real argument and basis for a somewhat radical treatment of university organization. The question is, of course, open as to whether such reorganization is possible under administrative officers of long standing, or whether changes in administration are necessary in order to bring about desirable reforms and improvements. The President has tried to view these questions of organization with an open mind and records at this point his appreciation of the outline of organization proposed and of the fact that it is a distinct advance over the existing form of organization at the Ohio State University. There is some

doubt, however, whether an organization such as is proposed could be installed at once. It is, however, desirable, that the future development of the organization should keep clearly in mind and in view the changes suggested as presenting the goal toward which administrative reforms should be directed. No revolutionary process would result from the adoption of the general plan of organization as proposed provided that its installation was accomplished by degrees. The President, regarding these questions of organization as he does, would defer action upon them for the present, but at an appropriate time will recommend that they be taken up for consideration and the adoption of so many of them as after discussion may be deemed wise. As illustrating this principle, let it be noted that the report proposed to maintain the present line organization of the Faculty. Any changes made here are in the interest of increased efficiency and better definition. On the other hand it is proposed to provide for staff officers who should be advisory to the President and who could perform such services as were required from time to time. The plan would permit of an indefinite tenure or a definite tenure as might be determined. Such an organization would permit of an organization appointed for a specific purpose whose term of office should expire when the purpose had been realized.

As illustrating further the comment on organization, reference may be made to the organization of the college. Here a grouping of departments somewhat different from the grouping of departments now existing was suggested. The suggestions offered have a good deal of merit in many particulars. It would involve perhaps the transfer of some departments or the unifying of some existing departments and perhaps the creating of other departments by division of existing departments. It will be recognized at once that this is a subject worthy of consideration and study but not essentially involved in the issue now before the University, namely: the installation of a Four-quarter Plan. It might be readily admitted that the proposed organization of college departments and the modifications of existing rules of organization would improve the University either under the present semester plan or under the proposed Four-quarter Plan. These improvements, however desirable, from the point of view of one who favors them, have to do with the better working of the machinery of the University. They have no important relation to a particular question as to whether the University year shall be divided into terms or quarters or semesters.

THE ISSUES INVOLVED

The issues involved, as the President sees them, are three: first, the financial issue, involving the budget; second, the educational issue, involving the general question as to the utilization of the plant, the Faculty, and the student body for the purposes for which an institution is supposed to exist; and, third, whether such a proposal is socially justifiable.

I. THE FINANCIAL ISSUE

It will be recognized at once that the inauguration of a Four-quarter Plan involves increased expense. This increased expense, however, is not as great as would at first appear. The most reliable estimates received to this date are that the increased expenditure would range somewhere from twenty to twenty-five percent of the existing budget. The first suggestion that it would require thirty-

three and a third percent increase will not bear investigation. Furthermore, the Four-quarter Plan should not be regarded as having anything whatever to do with the question of remuneration. All our thinking on the matter of salaries should appropriately be in definitely fixed units. The most natural unit is the year. On the part of the Administration this has been the point of view. All persons permanently in the service of the University have their remuneration fixed with the year in mind as the unit. Those who are temporarily in the service may, of course, be omitted from our present consideration of the general issue involving administration and instruction.

In estimating the increased cost of a Four-quarter Plan it is well to have in mind that the University is in a large sense a going concern. The plant is here as a fixed thing. Certain service goes on indefinitely without any reference to the teaching of students. It would perhaps be better if more service, especially that of experimental or investigational character, were continuous. This applies also to the personnel. Administrative officers and many others find that the need for their service is a continuous need and cannot be bounded or limited by any division of the year into weeks, months, terms, or semesters. An adequate conception of the University would imply that every feature of its organization would be available at any time and should be able at any time to render the service proposed by the University. For example, there is no reason why a given department having a relation not only to students but to the University as a whole and to the public, should not be in position to meet the just demands upon that department from the public point of view. It is doubtful whether some of our departments should ever be permitted to be in such a state of disorganization that someone would not always be prepared to answer officially correspondence pertaining to the department and questions that might well arise in which the department and the University are immediately and directly interested. Personal and private business should have little if any place in the organization of the University but the highest efficiency of the educational organization would seem to require that the University be equipped for the immediate discharge of its duty. In the large development of the modern university it is not fair to assume that all its business can take a three months' vacation without serious interruption or damage. Nor may it be assumed that any one person is exclusively responsible for the efficiency of the University. It is a reasonable organization that provides for continuous service of an official character by some person representing the University. The Four-quarter Plan proposes, therefore, to make the University and all its resources available continuously. It proposes that someone, not necessarily the President or a dean or a head of a department, but someone, shall be available at all times for such service as may be appropriately required from the University. The proposal to make these utilities and facilities available is, of course, the large issue involved in a continuous operation of the university. The established order in giving way to a new order does not necessarily propose any révolution in ideas but simply an extension and development of the fundamental idea involved so that education may for at least a part of the people be a continuous opportunity. This requires a larger body of competent people than would be required to operate a shorter period of time. This requirement should be squarely faced and provided for. Any failure to make adequate provision for the increased

personnel would in so far defeat the ideals of education. This principle is entirely true whether we think of education as offered for one term a year or for four terms.

Furthermore, the Four-quarter Plan emphasizes the fact that the university professor is the university professor continuously and always. The fact that he draws his salary at intervals or that he teaches certain portions of the year should not have the large place in our thinking it has hitherto occupied. If I may use as an illustration the Supreme Court of the United States I should say that the intelligent judgment is that this court is continuously and always at the service of the government and of the people. Very few have any idea as to how many days or weeks or months such a body is in session hearing or deciding cases, or as to how much time may be given by individual members of the court in the review of or preparation of decisions. It has seemed to me that the tendency in university circles is to emphasize the two factors of teaching and research. It is true that these two factors constitute the most important phase of a professor's life. But the assumption that a man is not in the service of the University when he is on the high seas or when playing golf is an unwarranted assumption. The proper conception as I see it is that no matter where a man may be or what he is doing his life is being expended in the interests of the cause of education. His most valuable moments, therefore, in the way of service may well be at times and places least recognized. The Four-quarter Plan, therefore, puts no particular emphasis upon the fact of payment. Payments could be made annually without any sacrifice of principle. The fact that salaries are paid in ten or twelve installments is a mere convenience and an accommodation to our economic habits rather than the expression of any principle. It may be necessary, therefore, to revolutionize our minds so that we may think of ourselves as men in a life service for the cause of education rather than as men hired temporarily for a given remuneration. I resent with emphasis the occasional references in current educational literature to professors and teachers as being hired men, and the comparisons often made between the teacher in the exercise of his profession to the ordinary wage earner. Such comparisons lose entirely the idealism that makes teaching a profession.

The responsibility for the increased expenditure of money involved in the Four-quarter Plan must, in the last analysis, rest with the legislature. Prior to that time, however, there is a certain responsibility attached to the Faculty itself. The Faculty must first of all make up its mind whether such a continuous opportunity of the educational facilities should be presented to the youth of the land. This is primarily an educational issue. It is in no sense a salary issue nor is it an issue necessarily involving the amount of time a teacher should devote to instruction or research. It is primarily a question of public policy. If, in the judgment of educational experts such as a Faculty may be presumed to be, this continuous opportunity for education is in the interest of the general welfare and commends itself to their judgment, it would seem to me to be the duty of a Faculty to say so. The judgment of the Faculty is primarily the basis on which any further expenditure of money may be justified. This principle I regard as fundamental whether we are thinking in terms of a Four-quarter or of a two-quarter plan. The primary justification for the expenditure of money must proceed from intelligent people dealing with the cause of education. The public have reposed that confidence

in the teaching body of the country. It seems, therefore, proper that the Faculty should express its judgment upon the desirability of a Four-quarter Plan from purely educational reasons. Furthermore, the judgment of the Faculty is a little less directly involved in the wisdom of expending increased funds for education. It is obvious that a continuous opportunity for education might be highly desirable, while at the same time an increased expenditure of money for such purpose might not commend itself to our judgment. Other considerations would have to do with that conclusion. The Faculty does not lose its right to sit in judgment upon questions of public policy involving the expenditure of money simply because it has practically exclusive judgment as an expert in matters of educational policy. The further use of funds, therefore, might conceivably be recommended on a two-semester, or a three-term basis rather than upon a Four-quarter Plan.

Passing, therefore, for the present the function of the Faculty, it may be remarked that the responsibility of the Board of Trustees is pretty clear. The Trustees must face the question of approving or failing to approve the educational policies proposed by the Faculty. The Trustees could not at this point evade their responsibility if they would. They are set as the responsible body by the State to deal with questions of educational policy. Of their own motion they have assembled a faculty of competent persons to which faculty custom refers the initiative on practically all questions of educational policy. In addition to this, the Board of Trustees must accept or decline to accept the responsibility for presenting with adequate justification the unusual program called for by the inauguration of a Four-quarter Plan. The Faculty is entirely free to present to the Trustees any communication concerning the plan which in its own judgment is desirable. This may involve either educational or financial policies. When that shall have been done, the Trustees must accept or decline to accept the responsibility for any financial program having final approval. It will be understood at once that a proposal might pass back and forth between the Trustees and Faculty a number of times before final approval was secured. When, however, such final approval is secured, the Trustees stand as responsible before the State for the adoption, administration, and execution of these financial and educational policies. It is fair to assume, therefore, that the Trustees in developing their conclusions will take into consideration all the factors involved. The welfare of the Faculty is quite as important to the Trustees as the welfare of the students or the welfare of the public. We may rely upon the Board of Trustees to give all the factors in the case adequate consideration.

BUDGET IMPLICATIONS

A final word on this division may be presented due to certain budget implications that seem to be involved. As already intimated, the sum total of the budget is a general issue that we must have in mind. Aside from this, however, a study of the organization and preparation of the budget as presented in the report already referred to, would seem to intimate that the budget is essentially tied up with all considerations of educational policy. This no doubt is a true view. The Four-quarter Plan, therefore, will bring a little closer to the Faculty than the present organization does the question of the budgetary importance of all their educational proposals. It will of necessity, in my opinion, throw some additional responsibility upon

those who propose new facilities or the extension of existing facilities. So far as this grows out of increased attendance no responsibility would lie with the Faculty. So far, however, as these proposals grow out of new proposals the question will at once emerge as to the ability of the budget to carry the proposal. I do not regard the implications referred to, however, as involving any principle other than a readjustment of our organization. This might well be done under the present semester plan, and in fact as I view it such responsibility ought to be assumed. It is not easy, however, to bring to departmental consideration the financial responsibility for proposals involving new courses or the extension of time allotted to already authorized courses. These proposals, however, usually involve budgetary considerations and should not be adopted until we are assured of our ability to carry them. This general principle is now expressed in the rules of the Board of Trustees but the Faculty will recognize at once how difficult it has been to apply the principle. Under the Four-quarter Plan it would appear probable that this responsibility would be somewhat more definitely located.

As an example of our experience illustrating the budgetary consideration, let me say that occasionally there comes a request for additional instruction based upon the increased number of freshmen or freshmen and sophomores. The request is granted. The following year new courses of an advanced character are proposed from the department and adopted by the Faculty. This is done on the theory that no additional instruction will be required. The next step is that the incoming freshmen or freshmen and sophomores, as the case may be, brings another crowded condition and more instruction for freshmen is called for, to be followed by more advanced courses being offered and this to be followed again with renewed requests for instruction for freshmen. This presents at once the acute issue that will arise under the Four-quarter Plan and has already arisen under the two-semester plan. The President hears occasionally that the exact facts do not come to the President and, therefore, he is misled in consenting to new instruction when he ought as a matter of fact to have some agency by which or through which the instruction of the department could be better balanced and restricted. The real issue in every department is to maintain a proper balance in the work offered while making reasonable provision for advanced and elementary work. In this connection it may be intimated that the proposed staff organization, if adopted, would furnish probable opportunity for some investigation by a person or a group of persons charged with the duty of making a study of just such questions, and of recommending therefore a policy that will be consistent throughout the University.

THE EDUCATIONAL ISSUE

In attempting to set out for consideration by Trustees and Faculty the educational issues involved, I shall discuss particular phases in the hope that this discussion will fix our minds upon the debatable issues. First of all, I mention the fact of the teaching year. In the preparation of the report it seemed to be necessary to assume some basis of consideration and discussion. Accordingly, a proposal has been made that the work be organized on the basis of a teaching year of thirty-five (35) hours. That is to say, a person would teach fifteen (15) hours for one quarter and ten (10) hours for two other quarters, and be at liberty for a fourth quarter. There is nothing vital about the number thirty-five (35); so far as the theory goes it

might just as well have been thirty (30) or forty (40) or any other number. It is further recognized that some modifications and adjustments to this principle would be altogether possible upon the assumption of any number of hours as a standard or basic measure of a year's work. The theory of thus dividing the year is, first, that some basis shall be determined upon, and, second, that when determined upon, the program of a teacher or of a department would be determined by that fact and the further consideration has been held in mind, namely: that almost anyone can carry one quarter of relatively heavy teaching work with two quarters of lighter teaching work, having thus some time for research during the active portion of the year in addition to the long vacation. If such a program should be developed, teachers might project their plans from year to year with reasonable certainty.

By way of illustration as to the significance of this program, let it be said that a given department having five (5) men would be able to offer one hundred seventy-five (175) hours of instruction. This may be regarded as the departmental resources. Those resources must be so distributed throughout the four quarters of the year as to present a continuous opportunity for teaching the subject involved. Due regard must also be had in this distribution for the student who desires to avail himself of these resources, or who may be required to do so by University rules. It is obvious under such an organization that a Four-quarter Plan cannot be operated as an individual matter but requires that every teacher be fitted into the general scheme of things and thereby assume his share of the responsibility for the program. The adjustment of the teaching time of the members of such a department would always need to be with the consent of all members of the department. It will be obvious also that any attempt to fix the amount of work to be given by a particular department such as is under consideration in this illustration will require the teachers to adjust themselves to the needs of the teaching program. This will affect the courses to be offered as well as the general departmental schedule. In my judgment, we face here one of the most difficult problems in connection with the Four-quarter Plan. That is to say, the ability of the department to make its own adjustments and at the same time to co-ordinate with other departments in making similar adjustments. It will still further occur as we consider this question that new courses of instruction or the extension of the time given to a particular course will not be possible without deliberate consideration upon the part of the entire department and possibly a readjustment of the budget. Within the scope of one hundred and seventy-five (175) hours, five (5) men would be limited as to what they might offer. In the case of a large increase of students it is obvious that the only relief would be the appointment of additional instruction. It is obvious also that under this organization one department or one college could not set up as a requirement instruction in another department or college without first consulting the department and securing from it assurance of the department's ability to carry the proposal into effect. Where such proposals involve an increase in the budget it will probably require that they be made a year or more in advance in order that the budget may be adjusted to the new situation.

Unless there were an unlimited supply of money it would become necessary for each department, recognizing its own limitations, to close its doors when these limitations have been reached. Recurring

to the illustration above, the one hundred and seventy-five (175) hours, or whatever the number may be, representing the resources, the department cannot give beyond its own resources. Its offerings must be limited by that fact. It may be assumed, therefore, that the department will do two things. First, it will keep in mind that professors are due for three quarters out of four, and in the second place, it will keep in mind that its instruction covers a certain range of elementary, advanced, and graduate courses. It will become necessary, therefore, with the resources in hand so to distribute this instruction as to make reasonable provision for all the three grades. The practical working of this situation will, therefore, force upon any department the careful consideration of the proportion of the time it may give either to graduate work or to elementary work. When that proportion has once been determined upon and agreed to, no important change can occur without the general issue of educational policy being involved. In other words, this organization will practically compel every teacher to be a student of education and of educational administration. The department must justify its own actions. It must be able to justify its procedure. Under such circumstances, it will, in my opinion, be much easier to make a clear case for additional personnel. The principle involved in the illustration above should apply to all departments. In other words, any department of the University will be confronted with the necessity of working out its program with the resources available and of so balancing that program as to make the best possible provision for elementary courses, advanced courses, and graduate work.

WORK AND VACATION CREDIT

Certain assumptions had to be made and, of course some of them were arbitrarily made in the preparation of the report upon which this communication is based. In working out the thirty-five (35) hour year, it was assumed, for example, that a man with the rank of professor should teach twelve (12) hours a week or its equivalent, thirty-five (35) being practically three times twelve; assistant professors would have forty (40) hours per year of three quarters. In terms of five-hour courses this would mean that an assistant professor would teach three classes during two quarters of the year, and two classes during one quarter of the year. Persons of the rank of instructor would be given forty-five (45) credit hours per year of three quarters. This would mean in terms of five-hour classes, three classes for each of the three quarters. Persons below the rank of instructor would be assigned in accordance with the terms of their employment.

It is assumed also that the vacation credit would observe the following limitations; first, no obligation against the University for the extra vacation credit, that is, beyond the usual one quarter, shall be created except by vote of the Board of Trustees. Second, as a guiding principle, no member of the Faculty may acquire at a given time more than three terms or nine months of vacation credit. Third, that no person lower in rank than an instructor would be entitled to obtain extra vacation credit.

Another issue involved is whether the payment should be in nine, ten, or twelve installments. As intimated elsewhere, in this report, this is purely a matter of convenience and not a matter of principle. My own judgment would favor twelve equal payments. I base this judgment on my belief in the year as the unit of computation. I

furthermore believe that this is in the long run the wisest and safest basis on which salaries may rest.

I am aware that in certain minds the fear exists that if salaries were paid in twelve installments, the inference might be drawn that service should be continuous through a period of twelve months. I do not entertain this fear for the simple fundamental reason that the vacation idea is pretty well established in the minds of the people who control public affairs. The length of vacation, however, is not uniform. In ordinary business circles two weeks is granted. In this institution for all administrative employees the vacation has been one month. Among the teachers of the country the school year has been accepted as substantially nine months; that is, not to exceed thirty-six (36) weeks. The idea of a summer session has prevailed so long that most people now recognize that it is an extra contract service. No difficulty, therefore, has been experienced in the payment for service rendered during special summer sessions. Where a Four-quarter Plan has been inaugurated the same principle has been recognized. It would be recognized as this plan proposes at the very outset at the Ohio State University. There would seem to be no reason other than our fears on which to base a judgment that the legislature or the State would raise an issue such as has been suggested above. The real thing, in which, in my judgment the State is interested is a continuous opportunity for education for such persons as are able to avail themselves of it. There is no disposition to enforce the continuous education of the individual students nor would there be any disposition on rational grounds to insist upon what may be termed four-quarter teaching. I should not be willing to obscure the merits of a great issue by the fears growing out of the payment of salaries on the plan of twelve installments. If that were the case, salaries could be paid in nine installments during the quarters of active service. I should prefer to bring a new emphasis upon the fact that the university professor is never out of the service of the University. Too many professors, in my opinion, have thought of themselves as employed for about three quarters of the year. I should like to reconstruct their thinking to the theory that they have been elected to a life of service and that vacation periods are to be construed as making an important contribution to the increased efficiency of the professor when actually engaged in the art of teaching.

Another issue is as to the payment for service rendered during the vacation quarter. In my judgment, there should be no payment for the ordinary vacation credit. Where for unusual or exceptional reasons services are required, then special contracts should cover the remuneration for that service. The adoption of the Four-quarter plan should be with the distinct understanding that it is to discourage and not to encourage the teaching of four quarters as a permanent policy on the part of any individual professor. It is conceivable that an occasional teacher might be physically able to teach continuously and that his scholarly tastes would be entirely satisfied with the teaching schedule. On the other hand, there are men, and we trust an increasing number of them, who base their teaching upon their progressive attainments in their chosen field of study and research. Such men should not be put to a disadvantage. By superior devotion to the advancement of learning they contribute a rare service that only such men can contribute. A salary schedule should, if possible, search out such men for the premiums and highest awards.

IS THE FOUR-QUARTER PLAN SOCIALLY JUSTIFIABLE

Some intimation has already been offered as to the basis on which belief in the Four-quarter Plan rests. In view of what has already been expressed in this report it may be appropriate now to add that the more one contemplates the future of state universities, the more convinced he becomes of their growing importance. There can be no reasonable doubt that they will always have a large patronage of students. There can be no reasonable doubt that they will have the best libraries in the several commonwealths. They will probably have among the best, if not the best, supply of apparatus of all sorts and kinds. It is to be hoped that they will be provided with sufficient number of adequate buildings and the ordinary physical facilities for education. All these facilities are inanimate but potential with service. There is no good reason why they should not be continuously available for the advancement of learning and the development of the State's greatest resources, namely: its young men and young women. In order that this may be realized it is only necessary to provide a sufficient personnel to do the teaching for the fraction of the year in which these great and important resources are not now utilized. If there is any justification for our belief that intelligence and education lie at the basis of permanence for free governments and free peoples, then society cannot well ignore the highest utilization of those resources that contribute to the development of intelligent and trustworthy citizenship. To my mind, poverty in a state is no justification for continuing the old order of things; it is rather a strong appeal to re-establish a more adequate order. There is a sense in which poverty is its own curse, but, thank Heaven, there is a sense in which education and intelligence and the character developed through education constitute the resources that give us dominion and power, and the disposition to use that power for the general welfare. If a great free people cannot afford education, there is little in the future that is inspiring or encouraging.

In order that we may properly estimate the propriety or wisdom of a Fourth Quarter, let me repeat certain assumptions drawn from the report of Mr. Frazer. These are:

1. That the fourth quarter is to be an integral part of the academic year and shall be designed to meet the needs of the following:

(a) Beginning students who may desire to enroll in the University immediately after graduating from high school instead of waiting until the autumn quarter.

(b) Undergraduate students, both in the College of Arts, Philosophy, and Science, and in the professional schools, who desire to shorten the length of time in terms of the calendar years required for obtaining a degree of the college in which they are enrolled.

(c) Teachers in the public schools who desire to complete work for undergraduate degrees or to obtain work of a general nature which will make them more proficient in their particular line of work.

(d) Teachers who desire to do graduate work towards graduate degrees.

(e) Resident graduate students who desire to continue during the summer quarter courses leading to graduate degrees.

(f) Graduates of professional colleges who desire during the summer quarter to do advanced or research work.

The above assumptions would seem to form a reasonable basis on which to argue in behalf of a continuous opportunity for education. Reference may now be made to the fact that throughout the country the most forward-looking cities under the leadership of progressive superintendents are utilizing the school buildings to a much larger degree than hitherto. This utilization is to provide for part-time instruction for persons of legal school age who are employed; for what is sometimes called the opportunity school, and for other purposes. If we take the public view of education, including all the physical facilities, it would seem clear that we ought to carry it to a logical conclusion and make available continuously all the resources at our command.

The assumptions listed above carry with them certain other implications. It is obvious that the teachers in the schools of the land require some special provision in order that they may either complete their formal education or develop their efficiency through subsequent post-graduate education. This is not always necessarily of a graduate character. It is really a post-professional experience of great service to the individual, and through the individual to his students and the schools generally. The fact that the University owes something to the other educational agencies of the commonwealth needs a little more emphasis than it has ordinarily received. The summer session in a degree has furnished opportunity for this added emphasis. The Fourth Quarter will probably increase opportunity for such emphasis.

BUDGET OF DEPARTMENTS

Subject to the assumptions that have been recited in this report, Mr. Frazer has prepared a budget for the year beginning July 1, 1922, and running through four quarters. This budget was prepared on the basis of existing salaries and on the basis of a thirty-five- (35) hour year. It covers only the departments of instruction and has nothing whatever to do with administrative or operation and maintenance services. It is therefore, strictly speaking, a teaching budget. The totals are affected, therefore, by the organization and the system, and not by the question of new instruction or of increase of salaries. The budget for the current year for purposes of comparison shows the total as of the 1st of July, 1921. The amendments or additions to the budget since that time would modify the comparisons but do not in any way affect the general principle. The total of the budget for the year 1921-22 was \$1,279,749; the proposed budget for 1922-23 as suggested above presents a total of \$1,385,352, making an increase during the regular year of \$26,340 and the summer session of \$79,263, or a total increase of \$105,603.

In a second classification of this budget of quarters, the totals show for the first quarter \$426,228.00; for the second quarter, \$427,393.00; for the third quarter, \$399,811.00; for the fourth quarter, \$131,920.00, making a grand total for the four quarters of \$1,385,352.00.

Let it be noted that this budget as suggested is not a model budget. It is simply a budget. Furthermore, it is a budget that could be worked and is presented, therefore, not for the purpose of approval or disapproval, but simply for the purpose of showing that a budget can be worked out for the following year without decreasing either the salaries of individuals or the number of the personnel, and that it can be made to come within the available resources. In checking up the comparative budgets by departments I find in one

case a decrease in the amount of \$1,500.00 from a budget exceeding \$50,000.00. In a few other cases a department shows no increase, but in the great majority of departments very definite increases are named. In some cases this increase is more for the summer session than for the regular year as would be expected. It will also be obvious in the totals for the quarters that the first and second quarters carry the heaviest load; the third and fourth quarters the lighter loads.

The amount actually appropriated for the fourth quarter for the biennium was \$120,000.00. The increase above is, therefore, approximately \$22,000.00 less than the amount actually appropriated by the legislature. This money would, of course, be available for distribution upon the same principles as illustrated above to the general administration and the operation and maintenance budgets. The ratio between the operation and maintenance budget and the teaching budget would seem to intimate that this margin would make about the same provision for these other departments that the \$107,000.00 makes for the teaching divisions.

Some question has been raised as to whether the money appropriated for the fourth quarter could be used in any other portion of the year. The above totals intimate that it is not necessary to do so. The redistribution of time plus the money available shows a fourth quarter total of \$131,920 or a sum of money somewhat in excess of the appropriation for the fourth quarter.

The budget as proposed includes the professional colleges of Law and Medicine. In my opinion the adoption of the fourth quarter by the University does not necessarily carry with it the application of the principle to these colleges. That subject however, has not been discussed with the Trustees nor has the question been raised as to whether the four-quarter principle should be applied, leaving for the present at any rate the professional colleges to continue as they are. It is obvious that all the preparation work as required in Medicine, for example, would be provided for through the other colleges quite as readily on the Four-quarter Plan as at present.

TRIAL SCHEDULES ON THE FOUR-QUARTER BASIS

In the preparation of the budget it was deemed desirable to develop a system of blanks on such topics as Budget of Courses, Budget of Instructor's time, Financial Budget, Comparative Budget, Notes and Comments. As an appendix to this report, I am submitting two samples of these trial schedules, for the departments of American History and of Botany. These were selected in order to take different kinds of subjects, namely: one representing a group with laboratories and another representing a group not having laboratories. From both of these trial schedules omission has been made of the names of instructors for the reason that they were not readily available, and also the comparative statistics concerning past attendance and an estimated attendance for the period to be covered by the proposal. These comparative statistics were not easily available and are not essential to this report. In the case of Botany we have substituted the number of clock hours for the column ordinarily used for instructor. It will be noted that in both of these departments the amount of work offered is greater than has hitherto been offered in the summer session. Without offering any criticism upon either department used for illustration in this report, the Faculty will see at once that a budget prepared on such blanks will at once raise the question as to the justification of the courses offered, the question as to whether

or not the teaching force is adequate, and fix attention upon the place where remedy is needed. They are presented, therefore, simply as typical illustrations of how a budget would be prepared and for the purpose of illustrating also that a somewhat more careful study of the departments would result from an examination of departmental budgets so set up. They also bring to our consideration the practical issue as to the varying needs of the different quarters and would doubtless within a few years bring a very definite policy as to the time and place for emphasis upon particular features of education.

SOME OBJECTIONS

The attention of the President has been directed to certain objections to the Four-quarter Plan arising out of the proposal to concentrate certain subjects into given quarters and to increase the number of hours. The College of Engineering, for example, objects to substituting the study of English five hours a week for one quarter for the present method of two hours a week for the year. As a matter of fact, the clock hours given to instruction under the present method would be somewhat more than five hours a week for one quarter. To require it for two quarters would considerably increase the instruction in English. The Engineering Faculty seems to adhere to the opinion that the adoption of the Four-quarter Plan does not necessarily involve the five-hour system in English. The same Faculty also suggests that other subjects, like Engineering Drawing, would suffer if the work were concentrated into a single quarter. As a matter of comment the President feels that if there is a sound educational reason involved an adjustment ought to be possible and that so important an issue as a Four-quarter Plan could not go on the rocks because of a schedule involving the number of hours in which a few subjects are to be taught. Furthermore, it may be assumed that some departure from the established usages will follow. This occurred when we changed from the three-term to the two-semester plan. It was then affirmed that certain subjects could not be satisfactorily presented on the semester basis. This very sincere statement was doubtless due to the fact that most of the Faculty had been brought up on the three-term plan, both as students and as teachers. Our experience in the Aviation School, for example, during the war demonstrated that it was entirely within the limits of reason "to do the impossible." We did it a number of times until some members of the Faculty seemed to enjoy it. It may require, therefore, a very earnest and a very persistent effort to adjust these difficulties and to remove the objections, but it would be a matter of profound disappointment if we should find such objections taking the form of immovable obstacles. There are two sources of objection to the Four-quarter Plan sincerely believed to have force in them. One is, that we have not the available resources and cannot secure them. As a sort of corollary to this statement, there are those who believe that the inauguration of such a plan will have a tendency to hinder the progress of the University in the matter of salaries. The other source of objection seems to be that the plan cannot be successfully worked in an institution like the Ohio State University. The fact that it works in a university like Chicago does not seem to carry any weight in the argument. In the consideration of this subject, I have assumed always that there was a sincere and genuine desire to disclose all the factors in the problem and to take such action as this investigation would warrant. A difference in point of view and perhaps a difference in opinion exists among the

12-14-'21

members of the Faculty. This is not to be regretted. It insures a better consideration of the question than would be otherwise possible. It is incumbent upon the proponents of this theory to justify their proposal and it is also incumbent upon the objectors to sustain their objections.

SUMMARY

The question of a Four-quarter Plan has been so well stated in other reports and so fully discussed that it seems almost a waste of time to restate the case. The necessity however, was upon me. The action of the Trustees and Faculty made it my evident duty to present the case with my recommendations as to the future policy of the University. I have undertaken that task and assume willingly the responsibility involved. I have tried to separate the essential issues involved in the inauguration of the Four-quarter Plan from the issues involved in a better organization of the forces of the University. In case the Faculty and Trustees proceed, as I hope they will, to authorize the Four-quarter Plan, I shall hope to see the proposals for the improvement of the organization given consideration as soon as the necessary preliminary work in preparation for the new program has been sufficiently advanced to permit the study of the questions involved in a modification of the existing organization. I desire to have this report considered and acted upon as soon as careful and thoughtful debate will permit. I shall be glad to render any assistance in my power to put at the command of the Faculty all the facts and considerations underlying my recommendations.

I submit the following recommendations:

1. That the University Faculty and Trustees approve and formally adopt the Four-quarter Plan as the future policy of the University.
 2. That this policy go into effect July 1, 1922.
 3. That the plan be built upon the theory of service for three quarters out of four.
 4. That all salaries be put upon an annual basis—a year being the unit—and payments made in twelve installments.
 5. That no additional salary be paid for the fourth or vacation quarter except in unusual or extraordinary circumstances where for temporary purposes the Trustees authorize the exception.
 6. That vacation credits may not be accumulated through adjustments or continuous teaching for more than three quarters. During such accumulated vacation period the salary in full would be continued.
- (Note: The purpose of this recommendation in connection with Number 5 is to discourage departures from the established rules.)
7. That the teaching year be upon the basis of a 35-hour year, substantially as set out in the Report.
 8. That the application of the procedure proposed be made to include rank of Instructor and the terms of all persons below that rank be subject to contract.
 9. That in adopting the Four-quarter Plan the Faculty and Trustees recognize and approve the difference between teaching and investigation and will approve such an adjustment of duties within a department as will make it possible to assign men from time to time to either function.
 10. I recommend that the Faculty provide a committee on adjustments to report on such questions as are presented by the Faculty of the College of Engineering; and that all such issues arising from any source be referred to said committee.
 11. That all items not covered in the above recommendations or in recommendations proposed by the Faculty or Trustees and approved by both bodies shall come through the usual channels from time to time as amendments to the proposal.

Respectfully submitted,

W. O. THOMPSON.

Columbus,
December, 1921.

SAMPLES OF TRIAL SCHEDULES

DEPARTMENT

BUDGET OF

SUMMER QUARTER							FALL QUARTER						
Course		Past Attend	Est. Attend	Section	Credit Hours	Clock Hours	Course		Past Attend	Est. Attend	Section	Credit Hours	Clock Hours
No.	Name						No.	Name					
101	Gen'l Botany			2	10	14	101	Gen'l Botany			10	50	70
102	Gen'l Botany			2	10	14	102	Gen'l Botany			2	10	14
120	Local Flora			1	5	7	107 and 108	Plant Micro. Technique			1	3	5
125	Plant Physiology			1	5	8	129	Principles of Taxonomy			1	5	7
117 or 118	Plant Ecolo.			1	5	8	125	Plant Physiology			1	5	11
133 134	Minor Investigations			1	5	5	117	Plant Ecolo.			1	5	8
	Diseases of Farm Crops			1	3	5	133 134	Minor Investigations			1	5	5
116	Plant Path.			1	5	11	151	Plant Micro. Chemistry			1	5	9
128	Plant Path.			1	5	11	155	Eco. Botany			1	5	6
200	Graduate			1	5	5	116	Plant Patho.			1	5	7
							127	Plant Patho.			1	5	8
							165	Fruit Diseases			1	3	5
							163	Advanced Mycology			1	5	8
							200	Graduate			1	5	5
	Total				58	88		Total				116	168

The grand total is 390 credit hours, or 557 clock hours. To meet this the department credit hours, or, on the basis of 45 clock hours as the yearly teaching load, 390 clock hours. that the addition of the equivalent of 3 full-time instructors at \$2000 each, or \$6000, would

ON FOUR-QUARTER BASIS OF BOTANY COURSES

WINTER QUARTER							SPRING QUARTER						
Course		Past Attend	Est. Attend	Section	Credit Hours	Clock Hours	Course		Past Attend	Est. Attend	Section	Credit Hours	Clock Hours
No.	Name						No.	Name					
101	Gen'l Botany			4	20	28	101	Gen'l Botany			6	30	42
102	Gen'l Botany			9	45	63	102	Gen'l Botany			2	10	14
119	Local Flora			1	5	8	120	Local Flora			1	5	8
123	Morphology of Lower Plants			1	5	7	124	Morphology of Vascular plants			1	5	7
150	Teaching of Botany			1	5	7	131	Principles of Taxonomy			1	5	7
130	Principles of Taxonomy			1	5	7	126	Plant Physiology			1	5	9
159 or 135-6	Evolution of Plants			1	5	5	118	Plant Ecolo.			1	5	7
133 134	Minor Investigations			1	5	5	121	Plant Genetics			1	5	5
152 a	Plant Micro. Chemistry			1	5	9	133 134	Minor Investigations			1	5	5
156	Economic Botany			1	5	6	152	Plant Micro. Chemistry			1	5	9
128	Plant Pathology			1	5	7	116	Plant Pathology			1	5	7
166	Diseases of Truck Crops			1	3	5	167	Diseases of Farm Crops			1	3	5
	Mycology			1	5	8	200	Graduate			1	5	5
200	Graduate			1	5	5		Total				93	131
	Total				123	170							

has at present available, on the basis of 35 credit hours as the yearly teaching load, 275. The deficit is then in credit hours 115, or in clock hours 167. The department considers enable it to carry the complete schedule all four quarters.

BUDGET OF DEPARTMENT OF

SUMMER QUARTER							FALL QUARTER						
Course		Past Attend	Est. Attend	Section	Credit Hours	Clock Hours	Course		Past Attend	Est. Attend	Section	Credit Hours	Clock Hours
No.	Name						No.	Name					
101	Hist. of U. S.			1	5		101	Hist. of U. S.			11	55	
102	Hist. of U. S.			2	10		102	Hist. of U. S.			4	20	
105	Gen. Survey of U. S. History			1	5		107-8 115-16	Const. Hist. of U. S. Wstward Movt to 1812			1	5	
106	Gen. Survey of U. S. History			1	5		109-10	Political Parties			1	5	
109-10	Political Parties			1	5		133-34 or 117-18	Influence of Racial Groups History of Canada			1	5	
119	Introduction to Historical Research			1	3		121	Teaching of Am. Hist.			1	3	
112 or 114	Slavery and Reconstretn Am. Diplmcy			1	5		111 or 113	Slavery and Reconstretn Am. Diplmcy			1	5	
123 or 124	Recent History of U. S.			1	5		123	Recent History of U. S.			1	5	
121	Teaching of Am. History			1	3		200	Graduate			2	6	
200	Graduate			2	6			Total				109	
	Total				52								

The grand total is 352 hours. To meet this the department has at present available, on the The Department considers that the addition of the equivalent of 3 full-time instructors

COURSES

AMERICAN HISTORY

WINTER QUARTER							SPRING QUARTER						
Course		Past Attend	Est. Attend	Section	Credit Hours	Clock Hours	Course		Past Attend	Est. Attend	Section	Credit Hours	Clock Hours
No.	Name						No.	Name					
101	Hist. of U. S.			4	20		101	Hist. of U. S.			8	40	
102	Hist. of U. S.			10	50		102	Hist. of U. S.			3	15	
105	Gen. Survey of U. S. History			1	5		106	Gen. Survey of U. S. History			1	5	
103 or 125	American Colonies Latin Amer.			1	5		107-8 or 115-16	Const. Hist. of U. S. Wstwrld Movt to 1812			1	5	
133-34 or 117-18	Influence of Racial Groups History of Canada			1	5		104 or 126	American Colonies Latin Amer.			1	5	
119	Introductn of Hist. Resrch			1	3		111 or 113	Slavery and Reconstretn Am. Diplmcy			1	5	
112 or 114	Slavery and Reconstretn Am. Diplmcy			1	5		200	Graduate			3	9	
124	Recent History of U. S.			1	5								
200	Graduate			3	9								
	Total				107			Total				84	

basis of 35 hours as the yearly teaching load, 240 hours. The deficit is then 112 hours. at \$2000 each, or \$6000, would enable it to carry the complete schedule all four quarters.

After carefully reading and discussing the above report, the Trustees unanimously adopted the following resolution:

Resolved, That the Trustees record their appreciation of the comprehensive report of the President of the University on the Four-quarter Plan and express the hope that the Faculty of the University may aid the Trustees by a careful consideration of the questions involved and a prompt report of their conclusions to the President.

* * * * *

The President presented the bill of Messrs. Frazer and Torbet covering the professional services and expenses of Messrs. Frazer and McKinsey on the plan, study, and reports as to organization and budget under the Four-quarter Plan, in the amount of \$4,398.96 with the recommendation that payment be authorized. Upon motion, the bill was approved and the Secretary was directed to prepare a voucher covering the above bill, payable out of the Interest on Endowment Fund.

* * * * *

Thereupon, the Board recessed to meet in the morning at 10:00 a. m.

* * * * *

December 15, 1921.

The Board met at 10:00 a. m. with the same members present as at yesterday's session.

* * * * *

The University Architect presented plans, specifications, and estimates covering the switchboard, traveling crane, electric work, heating, and plumbing for the new Power House as authorized at the last meeting of the Board of Trustees. Total estimated cost, \$36,262.20.

Upon motion, the above plans, specifications, and estimates were approved and the Secretary was directed to present same to the State Director of Highways and Public Works for his approval and, if so approved, to advertise in accordance with law for bids on the work.

* * * * *

The University Architect presented revised estimates of cost of the Center Pavilion of the Sheep Building as directed at the last meeting of the Board, revised estimate being \$9,242.00.

Upon motion, the above estimate was approved and the Secretary was directed to present same to the State Director of Highways and Public Works for his approval and, if so approved, to advertise in accordance with law for bids on the work.

* * * * *

The University Architect presented revised specifications and estimates for Mack Hall (Girls' Dormitory) as directed at the last meeting of the Board, estimated cost being \$198,623.58.

Upon motion, the above specifications and estimates were approved and the Secretary was directed to present same to the State Director of Highways and Public Works for his approval and, if so approved, to advertise in accordance with law for bids on the work.

* * * * *

The President recommended that in case of the special classes for teachers in service being conducted at Washington Court House by Professor B. H. Bode, the fee be fixed for the course at \$6.00 per person. This recommendation was approved.

* * * * *

The following recommendation of the President was agreed to:

"I recommend that Miss Elisabeth Conrad, Dean of Women, be granted leave of absence on salary to attend the convention of the World's Student Movement Conference at Peking, China, covering the period from about February 12, 1922, until June 10, 1922."

* * * * *

The following amendment to the Non-Resident Fee Rule, to become effective February 1, 1922, was adopted:

NON-RESIDENT FEE—Amend paragraph two and three so as to read as follows:

"No person shall be considered eligible to register in the University as a resident of the State of Ohio, unless he has been a bona fide resident in the State twelve consecutive months next preceding the date of his original enrollment, and no person shall be considered to have gained or lost a residence in this State for the purpose of registering in the University by any conduct of his own while he is a student in the University; but persons whose legal residence follows that of other persons, as hereinafter provided, shall be considered to have gained or lost legal residence in this State for such purpose while students in the University according to changes of legal residence of such other persons, except that such legal residence shall not be considered to be so gained until twelve months after such other person becomes a legal resident of this State.

"The residence of minors shall follow that of the legal guardian, regardless of emancipation; but in case a resident of Ohio is appointed guardian of a non-resident minor, the legal residence of such minor for the purpose of this rule shall not be considered to be established in the State of Ohio until the expiration of twelve months after such appointment."

* * * * *

A standing committee consisting of Professors Clarence D. Laylin and George W. Rightmire was appointed to handle the cases of all non-resident students with full power to act.

* * * * *

Satisfactory evidence having been presented by Bernice Bennett of the Class of 1914 that her original diploma has been destroyed, a duplicate diploma was authorized in accordance with the general rule.

* * * * *

Upon the recommendation of the President, the following resignations were accepted and the balances cancelled in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Cancel-lation
<i>Agricultural Extension</i>				
Florence Osborn	Home Demonstration Agent	Dec. 1, 1921	\$1,900.00	
<i>Stenographic and Clerical</i>				
Mary J. Hunter	Trans. to Rotary	Nov. 15, 1921	\$ 960.00	\$ 640.00
Ellen G. Schwensen	Stenographer, Physics	Nov. 1, 1921	960.00	640.00
<i>Operation and Maintenance</i>				
B. F. Tallmadge	Truck Driver	Nov. 1, 1921	1,000.00	666.68
Frank Asher	Fireman	Sept. 30, 1921	1,125.00	1,012.50
Nelson Bowman	Night Watchman	Nov. 20, 1921	1,200.00	838.33
Ellis Belcher	Night Watchman	Oct. 21, 1921	1,200.00	834.62

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Upon the recommendation of the President, the following appointments were made, and the necessary amounts appropriated to meet the salaries in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Appropriation
<i>Registrar's Office</i>				
Elizabeth Richards	Asst. to Registrar	Dec. 1, 1921	\$ 960.00	Budget
<i>Stenographic and Clerical</i>				
Mrs. Mary J. Hunter	Stenographer, Agricultural Edu. to be paid from Smith-Hughes (transferred from Dairy)	Nov. 15, 1921	960.00	Rotary
Alberta Williams	Stenographer, Physics (transferred from Agl. Education)	Nov. 12, 1921	960.00	\$ 606.15
Lucille Berry	Stenographer, Military Science	Oct. 24, 1921	900.00	630.19
Bessie M. Freet	Stenographer, Home Economics	Nov. 1, 1921	900.00	600.00
<i>Operation and Maintenance</i>				
C. G. Kalb	Truck Driver	Nov. 3, 1921	1,000.00	660.23
James H. Gregory	Fireman	Nov. 4, 1921	1,125.00	887.02
John Tordiff	Night Watchman	Nov. 1, 1921	1,200.00	800.00
Samuel Toy	Night Watchman	Nov. 1, 1921	1,200.00	700.00
*	*	*	*	*

Upon the recommendation of the President, the salary of Arthur Bayes, Superintendent, Poultry Plant, was increased from \$1,380.00 to \$1,680.00 effective December 1, 1921.

The title of Robert Fouré was changed from Instructor to Assistant Professor.

Upon the recommendation of the President, the Secretary was directed to pay to Mr. Robert Fouré the sum of \$156.70 covering the expenses of the French House from September 15 to November 15.

The salary of Mr. D. L. Holl, Assistant in Mathematics, was increased \$300 for the remainder of the year, beginning January 1, with the understanding that Mr. Holl was to take another class in Mathematics.

Upon the recommendation of the President, Mary Louise Brown was appointed Acting Dean of Women during the absence of Miss Conrad.

The President presented a communication from the Ceramic Experiment Station of the United States Bureau of Mines showing the need of a larger building to be devoted exclusively to the work of the Station and proposing to solicit the ceramic materials necessary for the construction of such a building provided the University furnish the funds for the construction of the building. This proposal was referred to the Cabinet for investigation and report.

An appropriation of \$800.00 was made for Swine Herdsman for the Department of Animal Husbandry for the remainder of the current year (annual rate, \$1,200.00) effective November 1, 1921.

The President presented, with his recommendation for approval, a request from the Department of Home Economics asking the Trustees to authorize the leasing of a house for students in Home Economics, the expense of said house to be paid by the University and be reimbursed by the State Board of Education out of the proceeds of the Smith-Hughes fund. Upon motion, the request was approved and the Secretary was directed to enter into the lease in accordance with the above action.

The Secretary was directed to prepare a comprehensive statement of the present condition of the building program to be presented at the next meeting of the Board.

Upon the recommendation of the President, it was ordered that hereafter degrees be conferred but three times during the year, namely, November, March, and June.

Upon the recommendation of the President, the following distribution of the Engineering Experiment Station funds for the projects as follows was made:

Project No. 1—Ohio Stream Flow.....	\$500.00
Project No. 2—Analyzing and Testing the Coals of Ohio	350.00
Project No. 4—Gasoline Saving Devices for Automotive Machines.....	100.00
Project No. 24—Classification of Telephone Companies...	250.00
Project No. 28—A new project entitled "Wire Rope Fastenings" established for Professor Magruder, \$150 transferred to this pro- ject from Project No. 5.	

The Secretary presented the following communication from the University Architect:

December 6, 1921.

Mr. C. E. Steeb, Secretary
Board of Trustees

Dear Sir.—To provide for better ventilation and daylight illumination from the saw-tooth skylight to the storeroom and corridors of the new Chemistry Building, a change is desirable in the construction of partitions E, F, G, and H, shown on the accompanying drawings, whereby ventilating factory sash is to be substituted for metal lath and plaster.

This work involves 4500 pounds additional structural steel and 672 square feet ventilating metal sash frames and glass.

The contractors, D. W. McGrath & Sons, have given me a price on the above extra as follows:

4500 lbs. structural steel and 672 sq. ft. of metal sash and glass.....	\$1,200.00
Credit 672 sq. ft. metal lath and plaster, eliminated by the sash.....	698.00
Total.....	\$ 507.00

I recommend that the above work be authorized as an extra to the Chemistry Building contract, and that the contractor be directed to proceed at once with the work at the price stated.

Respectfully submitted,
(Signed) JOS. N. BRADFORD,
University Architect.

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Upon motion, the above change, at the price named, was approved and the Secretary was directed to present the same to the State Building Commission for its approval.

The President presented the annual report of the Athletic Association for the fiscal year ending August 31, 1921. Said report was received and ordered filed.

Thereupon, the Board adjourned to meet at the call of the Chairman.

Attest:

CARL E. STEEB,
Secretary

JOHN KAISER,
Chairman

THE OHIO STATE UNIVERSITY
OFFICE OF THE BOARD OF TRUSTEES

Columbus, Ohio, January 10, 1922.

The Board of Trustees met at the University at 7:30 p. m., pursuant to the call of the Chairman.

Present: John Kaiser, Chairman; T. C. Mendenhall, L. E. Laybourne, B. F. McCann, J. F. Cunningham, and Vernon Riegel, Director of Education.

President Thompson announced the death of Honorable Frank A. Derthick, former trustee of the University, and presented the following resolution which was adopted:

Mr. Derthick served as trustee to fill an unexpired term beginning 1904 and ending 1909. His large experience as a practical farmer, as Master of the State Grange, and in the study of Rural Education added to his native qualities of heart and mind enabled Mr. Derthick to bring to the service of the University an unusual equipment. His experience demonstrated the wisdom of the appointment and his association with the Board of Trustees brought to him an increasing affection and esteem as the years passed. His fine character and his unselfish devotion to duty are held in grateful memory by all who were fortunate enough to be associated with him.

Mr. Derthick was born at Copley, Summit County, Ohio, January 3, 1844, and died at his home near Mantua in Portage County on January 4, 1922, on the farm where he had lived for 55 years. The Trustees record with gratitude this brief note of appreciation of his character and service.

The President reported an additional gift of \$385.00 from Edward Orton, Jr., for the uses of the Orton Memorial Library of Geology for the year 1921-1922. This gift is an addition to the \$115.00 received from Mr. Orton last July. The Secretary was directed to express the appreciation of the Trustees to Mr. Orton for his generosity.

The President presented a request from the Y. M. C. A. and Y. W. C. A. asking for additional appropriations from the University.

Upon motion, the following action was taken:

The Trustees express their appreciation of the work carried on by the Y. M. C. A. and Y. W. C. A. but regret that they are not able at this time to increase the appropriations.

* * * * *

Upon motion, it was ordered that the portion of the King Avenue field formerly set aside for an aviation landing field be turned over to the College of Agriculture for crop purposes.

* * * * *

The President presented the preliminary budgets for the University on the Four-quarter Plan, for the year ending June 30, 1923.

After consideration, the preliminary budgets were referred back to the President for completion and presentation to the Board of Trustees at its next meeting.

* * * * *

The President presented the following bill of Kinnear and Miller: "To making survey and performing the necessary field work, preparing the plats, cross-sections, estimates and specifications, and making a report and recommendations for the project of improving the Olentangy River from Lane Avenue to King Avenue and the construction of levees and fills: 44 days @ \$20.00—\$880.00."

Same was ordered paid from the appropriation of \$8,000 made from the interest on Endowment Fund.

* * * * *

Thereupon the Board recessed to meet in the morning at 9:30 a. m.

* * * * *

January 11, 1921.

The Board of Trustees came together at 9:30 a. m. with the same members as at last evening's session.

* * * * *

Upon the recommendation of the President, the following resignations were accepted and the balances cancelled in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Cancellation
<i>Agricultural Extension</i>				
Paul L. Sharritt	County Agr. Agent	Dec. 31, 1921	\$2,500.00	
L. S. Van Atta	County Agr. Agent	Dec. 31, 1921	2,400.00	
Mrs. Hanna R. Pretzer	Home Demonstration Agent	Dec. 31, 1921	2,000.00	
Lena Schneider	Stenographer	Dec. 31, 1921	840.00	
<i>College of Arts, Philosophy, and Science</i>				
Dudley F. Smith	Assistant, English	Jan. 1, 1921	500.00	\$ 300.00
LeRoy N. Schwartz	Assistant, English	Jan. 1, 1921	500.00	300.00
<i>College of Commerce and Journalism</i>				
Joseph Mitten	Reader, Economics	Dec. 1, 1921	150.00	105.00
Stanley Whiteside	Reader, Economics	Dec. 1, 1921	150.00	105.00
<i>College of Law</i>				
Golden N. Dagger	Instructor (part-time)	Feb. 1, 1921	2,000.00	1,000.00

Upon the recommendation of the President, the following appointments were made, and the necessary amounts appropriated to meet the salaries in accordance with the general rule:

1-10-'22

Name	Title	Date Effective	Annual Rate	Appropriation
<i>Agricultural Extension</i>				
Lelia C. Ogle	Instructor, Home Economics To be paid from Smith-Lever Funds in Project No. 6C (These funds to be transferred from Project No. 11 with the understanding that posi- tion as Assistant State Lead- er not be filled)	Jan. 1, 1921	\$2,600.00	
Nelle V. Spensley	Home Demonstra- tion Agent State-Offsetting A-1..... Belmont County Funds.	Jan. 1, 1921	2,000.00 \$104.16 62.50	
	Total		\$166.66	
	Automobile mainte- nance, Belmont County Funds.....			\$600.00
<i>College of Agriculture</i> (Winter Course)				
John Lengacher	Instructor, Dairying	Jan. 1, 1921	350.00	A-3 Budget
Frank Long	Instructor, Dairying	Jan. 1, 1921	350.00	A-3 Budget
Archie Bishop	Instructor, Ani- mal Husbandry	Jan. 1, 1921	400.00	A-3 Budget
<i>College of Arts, Philosophy, and Science</i>				
Florence M. Knapp	Assistant, English	Jan. 1, 1921	500.00	\$ 300.00
D. Luther Evans	Assistant, Philoso- phy (half-time)	Feb. 1, 1921	400.00	400.00
			(for second semester)	
<i>College of Commerce and Journalism</i>				
Margaret Snyder	Reader, Economics	Dec. 1, 1921	150.00	105.00
Kenneth Johnston	Reader, Economics	Dec. 1, 1921	150.00	105.00
<i>College of Education</i>				
Josephine MacLatchy	Editorial Asst., Bureau of Educational Research	Jan. 15, 1921	2,250.00	1,031.25
<i>College of Law</i>				
Herman R. Tingley	Instructor, (half-time)	Feb. 1, 1921	2,000.00	1,000.00
<i>College of Engineering</i>				
	Assistant, Mechanical Engineering	Second Semester		600.00
<i>Operation and Maintenance</i>				
	Janitor for 5 mos.	Jan. 11, 1921	1,080.00	450.00
	This appointment for current year only To be paid from Light, Heat, and Power Appropriation			
	Part-time Fireman.....		\$225.00	
	Night Craneman.....		225.00	
	Cancel.....		\$450.00	

* * * * *

Upon the recommendation of the President, the salary of Eloise Davison, Instructor in Home Economics, was increased from \$2,100.00 to \$2,400.00 per annum, effective January 1, the salary to be paid from State-offsetting funds in Project No. 6-B, in the Extension Budget.

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Upon the recommendation of the President, the title of Mary Alice Hitchcock was changed to Instructor in English and her salary was increased from \$500.00 to \$1,000.00 per annum, effective January 1.

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Upon the recommendation of the President, Professor William L. Graves of the Department of English, was granted leave of absence for the second semester with salary, effective February 1.

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Upon the recommendation of the President, Professor Joseph Leighton of the Department of Philosophy, was granted leave of absence for the second semester, with salary, effective February 1.

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Upon the recommendation of the President, Margaret Doherty, Reference Assistant in the Bureau of Educational Research, was granted leave of absence without salary for six months, effective January 1, 1922.

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Upon the recommendation of the President, Professor Elwood was authorized to attend a meeting of the American Society of Landscape Architects to be held at New York City during the second week in January, subject to the approval of the State Emergency Board.

* * * * *

The Secretary presented the following report:

January 10, 1922.

To the Board of Trustees
The Ohio State University

Complying with the action taken by the Trustees at the last meeting, I submit herewith a statement covering the building operations at the Ohio State University for the biennium 1921-1923:

Available Resources:

H. B. 301, Women's Dormitory (Mack Hall).....	\$ 150,000.00
H. B. 301, Power House Wing.....	75,000.00
H. B. 301, Women's Building (Pomerene Hall).....	240,000.00
H. B. 702, Bridge over Olentangy.....	124,000.00
H. B. 301, Sheep Building.....	15,000.00
H. B. 301, Artillery Horse Stable.....	10,000.00
H. B. 301, Swine Building.....	10,000.00
H. B. 301, Chemistry Building.....	115,000.00
H. B. 325, State Building Levy.....	1,800,000.00
Charles F. Kettering Fund, Research Building.....	75,000.00
Interest on Endowment, Service Building.....	30,000.00
H. B. 301, 600 H. P. Boiler and Stoker.....	35,000.00
H. B. 301, Coal Crusher and Conveyor.....	8,000.00
H. B. 301, River Improvement Equipment.....	35,000.00
The Interest on Endowment, River Improvement..	8,000.00

Grand Total Available..... \$ 2,730,000.00

The Board of Trustees, by formal action, has made the following apportionment of funds to be received from the State Building Levy:

Commerce and Journalism.....	\$ 400,000.00
General Hospital.....	300,000.00
Medical Science Building.....	250,000.00
Administration Building.....	250,000.00
Physics Building Wing.....	80,000.00
Brown Hall Wing.....	100,000.00
Horse Barn.....	30,000.00
Beef Cattle Barn.....	30,000.00
Dairy Cattle Barn.....	30,000.00
Power House, to complete.....	219,000.00
Mack Hall, to complete.....	51,000.00
Sheep Building, Center Wing, to complete.....	2,000.00
President's Residence.....	40,000.00
Reserve Fund.....	18,000.00

\$ 1,800,000.00

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The following work has been completed to date:

North and South Wings, Sheep Building
 North Wing, Service Building
 Artillery Stable and Feed House
 Coal Crusher and Conveyor

The following work is under contract and now in progress:

Pomerene Hall—60% completed
 Chemistry Building—80% completed
 Research Building—65% completed
 Power House—excavation under way
 Physics Wing—excavation under way
 Brown Hall—ready for excavation
 Bridge over Olentangy—1 pier completed, 2nd pier ready for concrete
 600 H. P. Boiler and Stoker—95% completed
 Sewer lines to Research Building—50% completed

Plans, specifications, and estimates for the following buildings have been completed, approved by the Board of Trustees and the State Department of Highways and Public Works. Bids for these buildings are being advertised for and will be received and opened at 12 o'clock noon, February 8, 1922:

Mack Hall—estimated cost.....	\$ 198,623.58
Center Pavilion Sheep Building.....	9,242.00
For Power House	
a. Traveling Crane.....	9,000.00
b. Heating and Plumbing.....	7,164.20
c. Electrical work.....	3,518.00
d. Switchboard.....	16,580.00
	<hr/>
	\$ 244,127.78

Plans, specifications, and estimates are being prepared for following:

River Improvement.....	
Medical Science Building.....	\$ 250,000.00
Administration Building.....	250,000.00
General Hospital.....	300,000.00
Commerce and Journalism.....	400,000.00
Horse Barn.....	30,000.00
Beef Cattle Barn.....	30,000.00
Dairy Cattle Barn.....	30,000.00
President's Residence.....	40,000.00
Service Building Addition.....	30,000.00
	<hr/>
	\$ 1,360,000.00

The plans, specifications, and estimates for the addition to the Service Building have been approved by the Trustees, but further action has been deferred, pending definite decisions as to the future disposition of space.

Respectfully submitted,

(Signed) CARL E. STEEB,
Business Manager.

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The University Architect presented preliminary plans for the Administration Building which were formally approved.

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The Architect presented the preliminary plans for the President's Residence which were approved.

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The Architect presented the preliminary plans for the building for the College of Commerce and Journalism and during the consideration of these plans, the idea was developed of building a separate building to house the Department of Journalism. On motion, this matter was referred to the Cabinet and the heads of the departments interested, to consider and report back to the Trustees on the advisability of such a plan.

Thereupon, the Board adjourned to meet Tuesday, February 7, 7:30 p. m., at the University.

Attest:

CARL E. STEEB,
Secretary

JOHN KAISER,
Chairman

OFFICE OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

Columbus, Ohio, February 7, 1922.

The Board of Trustees met at the University at 7:30 p. m. pursuant to the call of the Chairman.

Present: John Kaiser, Chairman; T. C. Mendenhall, O. E. Bradfute, L. E. Laybourne, B. F. McCann.

Upon the recommendation of the President, the following resignations were accepted and the balances cancelled in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Cancellation
<i>Agricultural Extension</i>				
C. J. Windau	County Agr. Agent	Jan. 31, 1922	\$2,500.00	
Anna Louise Williams	Stenographer	Jan. 21, 1922	960.00	
<i>College of Commerce and Journalism</i>				
Agnes Drury	Instructor, Sociology	Feb. 1, 1922	1,800.00	900.00
<i>College of Homeopathic Medicine</i>				
Alice Edwards	Supervisor, Children's Dept. Hospital	Dec. 31, 1921	900.00	450.00
Mary E. Towns	Supervisor, Maternity Hospital	Dec. 31, 1921	900.00	450.00
<i>Physical Education</i>				
C. E. Clough	Student Assistant	Feb. 1, 1922	280.00	180.00
<i>Registrar's Office</i>				
Lucy M. Taylor	Assistant to Registrar	Jan. 18, 1922	2,100.00	
<i>Stenographic and Clerical</i>				
Arline Everett	Stenographer, Psych.	Jan. 31, 1922	960.00	400.00
<i>University Architect's Office</i>				
F. E. Riebel	Draftsman	Feb. 1, 1922	2,400.00	1,000.00

Upon the recommendation of the President, the following appointments were made, and the necessary amounts appropriated to meet the salaries in accordance with the general rule:

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Name	Title	Date Effective	Annual Rate	Appropriation
<i>Agricultural Extension</i>				
Louise Davis	Home Demon. Agent	Feb. 1, 1922	\$2,200.00	
	State Offset, A-1.....	\$104.16		
	Cuyahoga Co. Funds.....	79.16		
	Total	\$183.32		
	Automobile maintenance, Cuyahoga Co. Funds	\$600.00		
Orleta Ansel	Stenographer	Feb. 6, 1922	960.00	
	Project No. 1, State Off-setting Funds, A-1			
Margaret Ziegler	Stenographer	Feb. 1, 1922	900.00	
	Smith-Lever Funds in Project No. 11			
Stanley Porter	County Club Agent	Feb. 1, 1922	2,100.00	
	State Offset A-1.....	\$104.16		
	Licking Co. Funds.....	70.84		
	Total	\$175.00		
	Automobile maintenance, Licking Co. Funds	\$600.00		
Mildred DePue	Stenographer	Jan. 1, 1922	960.00	
	Project No. 1, State Off-setting Funds A-1			
<i>College of Arts, Philosophy, and Science</i>				
Dorothy F. Browne	Assistant, English	Feb. 1, 1922	50.00 mo.	250.00
Reese George H. Martin	Assistant, English	Feb. 1, 1922	50.00 mo.	250.00
<i>College of Commerce and Journalism</i>				
Catherine L. White	Reader, Sociology	Feb. 1, 1922	150.00	75.00
R. C. Mason	Assistant, Business Organization	Feb. 1, 1922	400.00	200.00
<i>College of Education</i>				
Ellouise Robinson	Assistant, Psychology	Feb. 1, 1922	750.00	875.00
Neil C. MacDonald	Assistant Professor, School Adminis.	Feb. 1, 1922	3,500.00	1,750.00
		(For second semester only)		
<i>College of Engineering</i>				
Charles F. Marvin, Jr.	Assistant, Mechanical Engineering	Feb. 1, 1922	1,200.00	Budget
<i>College of Homeopathic Medicine</i>				
Eva Belle Clements	Supervisor of Maternity Hospital	Jan. 1, 1922	900.00	450.00
Ruth Edna Schultz	Supervisor, Children's Dept. Hospital	Jan. 26, 1922	900.00	390.00
<i>College of Medicine</i>				
J. M. Van Dyke	Student Assistant, Physiological Chemistry	Feb. 1, 1922	200 to 400	200.00
<i>Physical Education</i>				
Paul B. Norton	Student Assistant	Feb. 1, 1922	40.00 mo.	160.00
<i>Operation and Maintenance</i>				
F. S. Allison	Night Craneman	Jan. 15, 1922	90.00 mo	Budget for 3½ mos.
<i>Stenographic and Clerical</i>				
Marian McComas	Stenog., Bureau of Edu. Research	Feb. 1, 1922	960.00	400.00
Gladys Everett	Stenographer, Psych.	Feb. 1, 1922	960.00	400.00
<i>University Architect's Office</i>				
Paul E. Crider	Draftsman	Feb. 1, 1922	175.00 mo.	875.00
*	*	*	*	*

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Upon the recommendation of the President, Jessie Haible, Ste-nographer, Department of Agricultural Extension, was granted leave of absence effective February 20 for the remainder of the present calendar year.

Upon the recommendation of the President, the salary of W. J. Blackburn, Assistant in Sociology, was increased from \$600.00 to \$900.00, effective February 1.

Upon the recommendation of the President, the salary of Perry Denune, Assistant in Sociology, was increased from \$600.00 to \$900.00, effective February 1.

Upon the recommendation of the President, the salary of Paul Farnsworth, Assistant in Psychology, was increased to \$1,800.00 and his title changed to Instructor.

Upon the recommendation of the President, Joseph M. Gallen, Instructor in Surgery, was granted leave of absence for the remainder of this year and his salary was ordered cancelled.

Upon the recommendation of the President, the name and title of the Department of Art was changed to read the Department of Fine Arts.

Upon the recommendation of the President, the following named persons were granted certificates of graduation from the University Homeopathic Hospital Training School for Nurses:

Pauline Esther Lyon	January 18, 1922
Ruth Edna Schultz	January 25, 1922

The President presented a letter from Dean Vivian concerning a temporary structure on the campus to be used for general assemblies. This was referred to the Cabinet for investigation and report at the next meeting.

Upon the recommendation of the President, the fee for the three weeks' course in poultry husbandry was fixed as follows: \$2.00 registration fee and \$2.00 laboratory fee to cover the cost of the course.

Upon the recommendation of the President, Dr. George W. Knight was granted leave of absence for one quarter during the next academic year, in addition to the quarter to which he will be automatically entitled under the new Four Quarter schedule which becomes effective in June next, for the purpose of examining and observing industrial, social, and political conditions in south Europe in both the old and the new states.

Upon the recommendation of the President, the following travel was authorized subject to the approval of the State Emergency Board, the University to pay pullman and railroad fare only:

George W. Rightmire to attend the meeting of the American Bar Association at Washington, D. C., February 23 and 24, 1922.

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President Thompson and Dr. E. F. McCampbell to attend the annual meeting of the Council on Medical Education and the meeting of the American Hospital Association at Chicago, March 6, 7, 8, 9, and 10, 1922.

Dr. E. R. Hayhurst to attend the Conference on Education of Health Officers, Washington, D. C., March 14 and 15, 1922.

Thereupon the Board recessed to meet in the morning at 9:30.

February 8, 1922.

The Board of Trustees came together at 9:30 a. m. with the same members present as at last evening's session.

Upon motion, the Chairman was directed to appoint a committee of three members of the Board of Trustees to consider the entire matter of campus planning including buildings as well as landscaping and also the plan of procedure as now in operation.

The Chairman appointed Messrs. Laybourne, Mendenhall, and Bradfute on this committee.

The President presented a communication from the Ohio Nurserymen's Association in which the Association proposes the donation to the University of such trees and plants and in such quantities as may seem advisable for the establishment of an arboretum or botanical collection which would be of interest and educational value to the University, Nurserymen and the Public-at-large.

The Secretary was directed to inform the Ohio Nurserymen's Association that the Board of Trustees looks with favor upon the establishment of such an arboretum and that their proposal has been referred to the special committee of the Board before referred to.

The Chairman was directed to appoint a special committee to inquire into the relation of the Department of Civil Engineering to the river improvement plans.

The Chairman appointed Messrs. Mendenhall, McCann, and Kettering on this committee.

The President reported that it would be necessary to ask the Emergency Board for approximately \$27,000 to cover the cost of coal and gas for the balance of the fiscal year.

Upon motion, the President was directed to make formal request to the Emergency Board for this amount.

The Secretary reported the gift of an oil painting which was left to the University by Mrs. Eliza Fitch Hinman. The painting is called "The Bridge at Toledo."

The President was directed to make proper acknowledgement of this painting.

The Secretary presented the following communications from the University Architect covering certain extras on contracts. Upon motion, the extra work was approved and the Secretary was directed to request the approval of the State Building Commission on the extra

for the Chemistry Building and Hog Barn and the approval of the Director of Highways and Public Works for the extra on the Physics Building.

February 7, 1922.

Mr. Carl E. Steeb, Secretary,
Board of Trustees.

Dear Sir—The electrical conduits in the Addition to Chemistry Building, due to the rake of the Sawtooth roof can be improved, maintenance costs reduced, and installation of fixtures facilitated by changing the switch and lighting outlets from circular boxes to conduit outlets.

The Electric Power Equipment Company has contract for the electrical work. They will make this change for 140 outlets for \$130.00.

I recommend that the work be authorized as an extra on the Chemistry Building, and that the contractor be directed to proceed at once with the work at price stated.

Respectfully submitted,

(Signed) JOSEPH N. BRADFORD,
University Architect.

February 6, 1922.

Mr. Carl E. Steeb, Secretary,
Board of Trustees.

Dear Sir—In excavating for the Hog Barn, soft earth was encountered to a greater depth than anticipated. To prevent future settlement of the building it was necessary to excavate deeper and increase the amount of foundation concrete.

The cost of this extra work, as per the unit price stated in the contractor's (The H. C. McCall Construction Co.) bid for the building is as follows:

14 cu. yds. extra excavation @ \$4.00.....	\$ 56.00
7 cu. yds. extra concrete @ \$25.00.....	175.00

Total	\$231.00
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I recommend that this extra be referred to the Board of Trustees for their approval.

Respectfully submitted,

(Signed) JOSEPH N. BRADFORD,
University Architect.

February 6, 1922.

Mr. Carl E. Steeb, Secretary,
Board of Trustees.

Dear Sir—During the excavation for the West Wing of the Physics Building filled ground was encountered to a greater depth than we expected. A 12-inch service sewer was found below the footing of an inside bearing wall.

This condition required deeper excavation for safe building construction and an increased amount of foundation concrete and moving the sewer.

The cost of this extra work, as per the unit price stated in the contractor's (E. Elford) bid for the building is as follows:

95 cu. yds. extra excavation @ \$2.00..... \$190.00
 56 cu. yds. extra concrete @ \$12.00..... 672.00

Total \$862.00

I recommend that this extra be referred to the Board of Trustees for their approval.

Respectfully submitted,
 (Signed) JOSEPH N. BRADFORD,
 University Architect.

* * * * *

Upon motion of Dr. Mendenhall, the following resolution was unanimously adopted:

Resolved, That W. O. Thompson, President of the Ohio State University, be and he is hereby authorized and directed to execute on behalf of the Board of Trustees of the Ohio State University a bond (Q. M. C. Form No. 100-0) in the sum of \$450,000, to cover the value of military property issued and to be issued to the Ohio State University by the War Department under Section 47, National Defense Act of June 3, 1916.

* * * * *

The following resolution was unanimously adopted:

Be it Resolved, That for the purpose of establishing a uniform system of accounting among student organizations of the University, and of providing for a full and complete report upon contracts, receipts, and expenditures, and for an official audit of all books and accounts of such organizations, the President of the University is hereby authorized and directed to prepare the necessary regulations, and to secure the necessary personnel, in order to carry out the above purposes, and the President is hereby authorized to distribute the cost of this service proportionately upon the organizations served;

Be it further Resolved, And this resolution go into effect at once, that said regulations shall be made applicable to such organizations as the President may from time to time designate.

* * * * *

The Secretary presented the following report from the Secretary of the University Faculty:

January 17, 1922.

Mr. Carl E. Steeb, Secretary,
 Board of Trustees.

My dear Mr. Steeb—At a meeting of the University Faculty held on Thursday, January 12, the following motions were unanimously adopted:

1. That the Trustees be notified that the Faculty heartily endorses the Trustees' plan for Faculty Union Rooms in the new Administration Building.
2. That a committee of five be appointed from the University Faculty to act with the Trustees in completing the plans for these club rooms.

Very truly yours,
 (Signed) E. D. COCKINS,
 Secretary, University Faculty.

* * * * *

Upon the recommendation of the President, the Department of Economics and Sociology was divided into the following departments, and the persons named were appointed heads of such departments:

Department of Economics.....M. B. Hammond
 Department of Sociology.....J. E. Hagerty
 Department of Business Organization....C. O. Ruggles
 Department of Economic and Social
 Geography.....C. C. Huntington
 Department of Accounting.....G. W. Eckelberry

* * * * *

The following action was unanimously adopted:

In view of the fact that the University is entering on the Four-quarter system which may call for additional instructors, the Board deems it not wise at this time to increase salaries.

* * * * *

At this time the Board recessed to open bids for new buildings as per advertisement.

* * * * *

In the presence of bidders, the Board of Trustees and the State Architect, representing the Department of Highways and Public Works, the following bids were received, opened, and publicly read at 12 o'clock noon, February 8, 1922.

1. MACK HALL General Contract			
E. Elford	\$157,000.00		
Geo. Hicks.....	155,000.00		
L. L. LeVeque.....	140,800.00		
D. W. McGrath.....	147,500.00		
Robert H. Evans Co.....	147,561.00		
Electrical Work			
Ryan Electrical Co.....	2,655.00		
Electric Power Equipment Co.....	3,181.50		
McMaster Electric Co.....	2,898.00		
Northern Electric Co.....	2,878.00		
Paul L. Gilmore Co.....	3,268.00		
Hughes-Peters Electric Co.....	3,384.00		
Heating, Plumbing, Gas, and Sewer		Heating	Plumbing
S. A. Esswein Co.....	9,882.00		\$25,582.00
Fitzpatrick & Hoepfner.....	8,948.00		24,497.00
Grinnell Co.	9,208.00		
Huffman-Wolfe Co.....	8,619.00		24,700.00
Wm. H. Conklin Co.....	9,168.00		24,595.00
2. CENTER PAVILION—SHEEP BUILDING General Contract			
*A. K. McCall.....	7,982.00		
E. Elford	9,900.00		
Adam Pitts	8,124.00		
F. & Y. Construction Co.....	8,529.00		
M. P. Streett	9,770.00		
*Includes Plumbing			
Plumbing			
S. A. Esswein	506.00		
Wm. H. Conklin Co.....	285.00		
Huffman-Wolfe Co.....	471.00		
3. POWER HOUSE EQUIPMENT			
Three Motor Traveling Crane			
Toledo Crane Co.....	10,690.00		
Cleveland Crane & Engineering Co.....	8,250.00		
Champion Engineering Co.....	9,695.00		
Morgan Engineering Co.....	7,800.00		
Switchboard and Electrical Work		Switchboard	Elec. Work
Electric Power Equipment Co.....	16,860.00		\$4,886.42
Ryan Electric Co.....	20,985.00		5,178.00

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Paul L. Gilmore	21,000.00	4,727.00
Northern Electric Co.....	20,464.00	4,666.85
Westinghouse Electric Co.....	14,358.00	
McMaster Electric Co.....		4,663.00
Hughes-Peters Electric Co.....		4,586.00
<i>Heating and Plumbing</i>		
S. A. Easwein	5,126.00	
Fitzpatrick & Hoepfner.....	4,915.00	
Wm. H. Conklin Co.....	6,097.00	
Huffman-Wolfe Co.....	4,825.00	

The above bids were referred to the University Architect and the State Architect for examination, tabulation and recommendation.

Thereupon, the Board adjourned to meet at 2:30 p. m., February 17, at the University.

Attest:

CARL E. STEEB,
Secretary

JOHN KAISER,
Chairman

OFFICE OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

Columbus, Ohio, February 17, 1922.

The Board of Trustees met at the University at 2:30 p. m., pursuant to the call of the Chairman.

Present: Dr. T. C. Mendenhall, Vice-Chairman; C. F. Kettering, B. F. McCann, L. E. Laybourne, O. E. Bradfute.

The University Architect presented the following reports and recommendations covering the bids received February 8:

I have examined the bids received February 8th for the construction of the Center Pavilion for the Sheep Building, and find that the bid of A. K. McCall, for the work as a whole, is the lowest.

The bid covers all items 1, 2, 3, 4, 5, 6, 7, mentioned in the specifications and is for the sum of..... \$7,982.00
The Architect's estimate..... 9,242.00
The bid complies with all requirements.

I recommend that the contract for this building be awarded to A. K. McCall for the bid stated above.

Respectfully submitted,

(Signed) JOSEPH N. BRADFORD,
University Architect.

Upon motion, the above recommendation was agreed to and the contract for this building was awarded to A. K. McCall at his bid as recommended above and the following resolution was passed:

The Secretary is hereby authorized and directed to prepare a contract in the usual form for execution by the Contractor and the Department of Highways and Public Works, such contract in such form is hereby approved, and it is hereby determined to proceed with the work contemplated by the above award under such contract. The Secretary is hereby authorized and directed to certify the above action of this

board on the contract or in any other form that may be required to attest the same.

— o —

I have examined the bids received February 8th for the installation of a Switchboard in the new Power House and find that the bid of the Westinghouse Electric and Manufacturing Company is the lowest. This bid covers all work mentioned in the specifications and is for the sum of.. \$14,358.00
Architect's estimate..... 16,580.00
The bid complies with all requirements.

I recommend that the contract for this work be awarded to the Westinghouse Electric and Manufacturing Company for the bid stated above.

Mr. McCracken, Chief Engineer and Superintendent of Buildings and Grounds, has examined the bids and concurs in the above recommendation.

Respectfully submitted,
(Signed) JOSEPH N. BRADFORD,
University Architect.

Upon motion, the above recommendation was agreed to and the contract for the switchboard was awarded to the Westinghouse Electric and Manufacturing Company at its bid as recommended above, and the following resolution was passed:

The Secretary is hereby authorized and directed to prepare a contract in the usual form for execution by the Contractor and the Department of Highways and Public Works, such contract in such form is hereby approved, and it is hereby determined to proceed with the work contemplated by the above award under such contract. The Secretary is hereby authorized and directed to certify the above action of this board on the contract or in any other form that may be required to attest the same.

— o —

I have examined the bids received February 8th for the installation of a Three-motor Traveling Crane in the new Power House, and find that the bid of the Morgan Engineering Company is the lowest.

The bid covers all work mentioned in the specifications and is for the sum of..... \$7,800.00
Architect's estimate..... 9,000.00
The bid complies with all requirements.

I recommend that the contract for this work be awarded to the Morgan Engineering Company for the bid stated above.

Mr. McCracken, Chief Engineer and Superintendent of Buildings and Grounds, has examined the bids and concurs in the above recommendation.

Respectfully submitted,
(Signed) JOSEPH N. BRADFORD,
University Architect.

Upon motion, the above recommendation was agreed to and the contract for the Three-motor Traveling Crane was awarded to the Morgan Engineering Company at its bid as stated above, and the following resolution was passed:

The Secretary is hereby authorized and directed to prepare a contract in the usual form for execution by the Con-

tractor and the Department of Highways and Public Works, such contract in such form is hereby approved, and it is hereby determined to proceed with the work contemplated by the above award under such contract. The Secretary is hereby authorized and directed to certify the above action of this board on the contract or in any other form that may be required to attest the same.

— o —

I have examined the bids received February 8th for the Heating and Plumbing for the new Power House, and find that the bid of the Huffman-Wolfe Company is the lowest.

The bid covers all work mentioned in the specifications and is for the sum of..... \$4,825.00
 Architect's estimate..... 7,164.00
 The bid complies with all requirements.

I recommend that the contract for this work be awarded to the Huffman-Wolfe Company for the bid stated above.

Respectfully submitted,

(Signed) JOSEPH N. BRADFORD,
 University Architect.

Upon motion, the above recommendation was agreed to and the contract for the Heating and Plumbing for the new Power House was awarded to the Huffman-Wolfe Company at its bid as stated above, and the following resolution was passed:

The Secretary is hereby authorized and directed to prepare a contract in the usual form for execution by the Contractor and the Department of Highways and Public Works, such contract in such form is hereby approved, and it is hereby determined to proceed with the work contemplated by the above award under such contract. The Secretary is hereby authorized and directed to certify the above action of this board on the contract or in any other form that may be required to attest the same.

— o —

I have examined the bids received February 8th for the Electrical Work in the new Power House, and find that all bids are over the Architect's estimate of..... \$3,518.00

I recommend that all bids be rejected and the Architect be instructed to revise the estimate and the work be re-advertised.

Respectfully submitted,

(Signed) JOSEPH N. BRADFORD,
 University Architect.

Upon motion, the above recommendation was agreed to and the Secretary was directed to advise the Director of Highways and Public Works of such action and to request authority to reject bids received for the Electrical Work and to re-advertise the same.

— o —

I have examined the bids received February 8th for the construction of Mack Hall (Girls' Dormitory), and find the low bids as follows:

The L. L. LeVeque Company (General Contract) items
 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 22, 23, 24
 of the specifications for the sum of..... \$140,800.00
 The Ryan Electric Company, item 21..... 2,655.00
 The Huffman-Wolfe Company, items 16 and 20... 33,319.00

Grand total for work mentioned in specifications... \$176,774.00
 Architect's estimate..... 194,729.00

The bidders have complied with all requirements.

I recommend that the contracts for the construction of
 this building be awarded to the L. L. LeVeque Company, the
 Ryan Electric Company, and the Huffman-Wolfe Company
 for their bids as stated above.

Respectfully submitted,

(Signed) JOSEPH N. BRADFORD,
 University Architect.

Upon motion, the above recommendation was agreed to and the
 contracts for this building were awarded to the L. L. LeVeque Com-
 pany, including items 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15,
 17, 18, 19, 22, 23, and 24; to the Ryan Electric Company, item 21;
 and to the Huffman-Wolfe Company, items 16 and 20, for their bids
 as stated above, and the following resolution was passed:

The Secretary is hereby authorized and directed to pre-
 pare contracts in the usual form for execution by the Con-
 tractors and the Department of Highways and Public Works,
 such contracts in such form are hereby approved, and it is
 hereby determined to proceed with the work contemplated
 by the above awards under such contracts. The Secretary
 is hereby authorized and directed to certify the above action
 of this board on the contracts or in any other form that may
 be required to attest the same.

* * * * *

Upon motion of Mr. Kettering, the Secretary was directed to
 refer to the Civil Engineering Department the plans, specifications,
 and report as prepared by John I. Miller for the Olentangy River
 Improvement with the request that such plans and documents be
 examined by the Department to determine if it is possible for the
 Civil Engineering Department to complete the development of said
 plans and to take charge of their execution.

* * * * *

The University Architect presented the completed plans, speci-
 fications, estimates, and bills of materials for the following barns to
 be built on the sites located west of the Olentangy River in the new
 Animal Husbandry group: which, upon motion, were approved.

Horse Barn, estimated cost..... \$25,879.90

Dairy-cattle Barn, estimated cost..... 33,979.75

Beef-cattle Barn, estimated cost..... 30,137.80

Upon motion, the Secretary was directed to present such plans,
 specifications, bills of materials, and estimates to the Director of
 Highways and Public Works for his approval and if so approved to
 advertise for bids in accordance with law.

* * * * *

The Secretary reported that in accordance with instructions from
 the Board of Trustees at its last meeting, regarding the division of
 the proposed Commerce and Journalism Building so as to provide

2-17-'22

a separate building for the Department of Journalism, a conference was held and the suggested change has received unanimous approval of all parties interested.

Upon motion, said report was received and it was ordered that the Architect be directed to prepare the plans, specifications, and estimates for a building to house the Department of Journalism at an approximate cost of \$50,000 and that the original plans for the Commerce and Journalism Building be redrawn so as to eliminate the Department of Journalism and that the allowance for the new Commerce Building be \$350,000.

The special committee appointed at the last meeting to consider plans of buildings and planning schemes, etc., of the campus presented a partial report recommending that the former action of the board locating the proposed Administration Building, the Commerce and Journalism Building, and the new Journalism Building be confirmed.

Upon motion, the partial report of the committee was adopted.

The Secretary reported that the Emergency Board, at its meeting held February 14, made an appropriation of \$15,000 to be credited to C-3 Light and Fuel.

Upon motion of Mr. Laybourne, Mr. George B. McCann of Dayton, Ohio, was elected treasurer of the Kettering Gift to the Board of Trustees of the Ohio State University for the benefit of the Homeopathic College of Medicine.

Upon motion of Judge McCann, Mr. George B. McCann, treasurer of the Kettering Gift to the Board of Trustees of the Ohio State University for the benefit of the Homeopathic College of Medicine, was authorized to borrow such additional money as may be necessary to meet payments of bills in connection with the completion of the Homeopathic Research Building by pledging stock of the General Motors Corporation as security therefor.

Thereupon, the Board adjourned to meet March 7, 7:30 p. m., at the University.

Attest:

CARL E. STEEB,
Secretary

T. C. MENDENHALL,
Vice-Chairman

OFFICE OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

Dayton, Ohio, February 23, 1922.

Upon the call of the Chairman, a special meeting of the Board of Trustees was held at Dayton, Ohio.

Present: John Kaiser, Chairman; B. F. McCann, C. F. Kettering, L. E. Laybourne, T. C. Mendenhall.

It being brought to the attention of the Board of Trustees that there are certain defects in the bids on which contracts for Mack

Hall and the Heating and Plumbing bids for the Power House were awarded at the meeting of the Board held February 17, 1922, it was voted to reconsider the action whereby said awards were made.

* * * * *

Judge McCann presented the following resolutions which were unanimously adopted:

Whereas, The Director of Highways and Public Works, because of certain defects in bids, has authorized the Trustees, by his letter dated February 21, 1922, to reject all bids received on Mack Hall;

Be It Resolved, That such bids are hereby rejected and the Secretary directed to readvertise for new bids in accordance with law.

Whereas, The Director of Highways and Public Works has authorized the Trustees by his letter dated February 21, 1922, to reject all bids received for the Electrical Work in the new Power House because said bids exceed the Architect's estimate;

Be It Resolved, That such bids are hereby rejected and the Secretary is directed to readvertise for new bids in accordance with law.

* * * * *

Thereupon, the Board adjourned to meet on the date set at the last meeting.

Attest

CARL E. STEEB,
Secretary

JOHN KAISER,
Chairman

OFFICE OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

Columbus, Ohio, March 7, 1922.

The Board of Trustees met at the University at 7:30 p. m., pursuant to the call of the Chairman.

Present: John Kaiser, Chairman; T. C. Mendenhall, L. E. Laybourne, O. E. Bradfute.

* * * * *

Upon the request of the President, Professor McPherson appeared before the Trustees and made a statement concerning additional space needed for the Department of Chemistry.

* * * * *

Satisfactory evidence having been presented, duplicate diplomas were ordered for Wellington Henry Boner, Three-year Course in Agriculture, 1917, and Wilson Emery Bradford, Bachelor of Architecture, 1920.

* * * * *

The President presented the following communication from Professor J. A. Leighton of the Department of Philosophy:

To the Board of Trustees of the Ohio State University.

In behalf of the Philosophy Department and the Philosophy Club of the Ohio State University, I hereby present to

you Liberty Bonds of a total par value of One Hundred Dollars (\$100.00). You are hereby requested to set apart and invest this fund under the name of "The William E. Bingham Memorial Fund."

The purpose of this fund is to provide each year a medal to be awarded by the Philosophy Department to the winner of an undergraduate essay contest. You are therefore authorized to expend any or all of the interest accruing from this fund for this purpose upon the request of the head of the Department of Philosophy. The medal intended for this award has been executed by Mme. Anie Mouroux of 111 East Fifty-sixth Street, New York, N. Y. Her original fee has been paid in full. Specimens of the medal may be purchased from her as needed.

Yours respectfully,
(Signed) J. A. LEIGHTON.

Upon motion, the gift was accepted under the terms named and the Secretary was directed to invest the fund under the name of "The William E. Bingham Memorial Fund."

* * * * *

Upon the recommendation of the University Faculty, the following degrees were granted:

MASTER OF ARTS

Charles Frederick Harrold, B.A.

MASTER OF SCIENCE

William Whistler Mills, B.S. (Franklin College)

BACHELOR OF SCIENCE IN AGRICULTURE
(As of the Class of 1921)

Sterrett Graham Nelson

(As of the Class of 1922)

William Albert Crumley

Maurice Bushnell Gillespie, B.A.

Guy Garrett Glunt

Foster Hoffman

Ormann Reuben Keyser

Corwin Lang Knowles

Paul William Mengert

Thomas Albert Reber

Albert B. Sanderson

Joseph Elbert Schickedantz

Frederick John Trapp

BACHELOR OF ARTS
(As of the Class of 1921)

Ruth Marie LeSage Thornburgh

Eva Ellen Beckett

CERTIFICATE IN PUBLIC-HEALTH NURSING
(As of the Class of 1921)

Eva Shapley Smith, B.Sc.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION
(As of the Class of 1921)

John Lachlan Taylor

Dallas Sinclair Bolon

(As of the Class of 1922)

Arthur Lee Bowyer
 Richard Mac Brown
 Chih Chuan Chu
 Harry Emmett Haymes, B.Sc. in Agr.
 Raymond Franklin Hodges
 Po Kwan Long
 Arthur Dewey Nieding
 Lester Frederick Schumaker

BACHELOR OF SCIENCE IN SOCIAL SERVICE
 (As of the Class of 1921)

Catherine Elizabeth Thompson

BACHELOR OF SCIENCE IN JOURNALISM
 (As of the Class of 1921)

Charles Bugh Hunt

BACHELOR OF ELECTRICAL ENGINEERING
 (As of the Class of 1921)

Paul Dickinson Breeze

BACHELOR OF ENGINEERING
 (As of the Class of 1921)

Norman James Humason

BACHELOR OF SCIENCE IN FORESTRY
 (As of the Class of 1917)

Harold Russell Richards

BACHELOR OF SCIENCE IN EDUCATION
 (As of the Class of 1921)

Evadne Barrett
 Mary Emilie Benjamin
 Mary Amelia Brown
 Ethel Louise Condren
 Mary Eileen Hannon
 Joseph H. Hixson
 Guy Fearle Jackson
 Edwin Michael Kaylor, B.A.
 Mary Martha Monica Miller, B.A.
 William Frederick Reed
 Edith May Stoker
 Gloria Strait, B.A.

DOCTOR OF MEDICINE
 (As of the Class of 1922)

Lear Henry Van Buskirk, B.Sc. in Ch.E.

* * * * *

Upon the recommendation of the President, an observation gallery was authorized to be constructed in the University Bridge, at an estimated cost of \$470.00, this work to be done under the direction of Professor Clyde T. Morris.

* * * * *

Upon the recommendation of the President, the title of Mary Louise Brown was changed from Assistant to Instructor in the Department of Sociology.

* * * * *

3-7-'22

Upon the recommendation of the President, Miss Edith Auch was appointed Auditor of Student Organizations at a salary of \$100.00 per month, payable from University funds until June 30, 1922, effective February 27, 1922.

Dr. Mendenhall was appointed to represent the Board of Trustees to co-operate with the Dean of the Graduate School in the development of a plan to secure endowments or gifts for research work.

Upon the recommendation of the President, the following resignations were accepted and the balances cancelled in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Cancel-lation
<i>College of Agriculture</i>				
R. A. Bowers	Mechanic, Agr. Engineering (Position to be retained in the budget so that similar appointment can be made next year)	Jan. 31, 1922	\$1,380.00	\$575.00
P. C. Thomssen	Swine Herdsman, Animal Husbandry	Feb. 1, 1922	1,200.00	500.00
<i>College of Commerce and Journalism</i>				
Golden N. Dagger	Instructor, Economics	Feb. 1, 1922	1,000.00	500.00
<i>College of Engineering</i>				
Carl M. Senn	Instructor, Ind. Arts (Position to continue in next budget)	Mar. 1, 1922	1,500.00	600.00
Anthony George	Student Assistant, Chemistry	Feb. 1, 1922	250.00	125.00
<i>College of Homeopathic Medicine</i>				
Inez Terry	Day Supervisor	Sept. 30, 1921	840.00	630.00
Jane Anderson	Student Nurse	Jan. 31, 1922	75.00	32.92
Helen Amon	Student Nurse	Jan. 31, 1922	75.00	32.92
Jeanette Allmand	Student Nurse	Nov. 15, 1921	75.00	48.46
Ida Eichorn	Student Nurse	July 31, 1921	75.00	68.75
Wanda Hahn	Student Nurse	Sept. 15, 1921	75.00	60.00
Hazel Hawk	Student Nurse	July 15, 1921	75.00	71.77
Emilie Jungermann	Student Nurse	Nov. 3, 1921	75.00	49.37
Minnie Knecht	Student Nurse	Jan. 31, 1922	75.00	31.25
Esther Lyon	Student Nurse	Oct. 31, 1921	75.00	50.00
Edna Schultz	Student Nurse	Jan. 31, 1922	75.00	32.92
Lova Swinger	Student Nurse	July 1, 1921	75.00	75.00
Eva Smith	Student Nurse	July 1, 1921	75.00	75.00
<i>College of Medicine</i>				
Artye Rose	Technical Asst., Surgery	Jan. 31, 1922	840.00	350.00
<i>Library</i>				
Gertrude V. Lance	Library Assistant, ($\frac{1}{2}$ time)	Feb. 1, 1922	360.00	150.00
<i>Operation and Maintenance</i>				
Porter Douglas	Janitor	Jan. 15, 1922	1,140.00	522.75
O. E. Kiger	Janitor	Feb. 28, 1922	1,140.00	380.00
Samuel Toy	Night Watchman	Jan. 31, 1922	1,200.00	500.00
<i>Business Manager's Office</i>				
Dorothy Crumley	Stenographer	Feb. 28, 1922	960.00	320.00

Upon the recommendation of the President, the following appointments were made, and the necessary amounts appropriated to meet the salaries in accordance with the general rule:

3-7-'22

Name	Title	Date Effective	Annual Rate	Appropriation
<i>Agricultural Extension</i>				
Carl M. Senn	County Agr. Agent	Mar. 1, 1922	2,400.00	
	State Offsetting A-1....	\$183.33		
	Miami County funds....	66.67		
	Total.....	\$200.00		
	Automobile maintenance, Miami County Funds.....	\$600.00		
Ormann R. Keyser	County Agr. Agent	Mar. 1, 1922	1,600.00	
	Project No. 2,			
	State Offsetting funds A-1			
	Automobile maintenance, Farm Bureau funds.....	\$600.00		
<i>College of Agriculture</i>				
Benjamin P. Hess	Assistant, Agr. Engineering ($\frac{1}{2}$ time)	Feb. 6 to June 30, 1922	50.00 mo.	250.00
Kenneth C. Sonner	Assistant, Agr. Engineering ($\frac{1}{2}$ time)	Feb. 6 to March 31, 1922	37.50 mo.	75.00
Israel P. Blauser	Assistant, Agr. Engineering ($\frac{1}{2}$ time)	Feb. 6 to May 31, 1922	50.00 mo.	200.00
Judson Solomon	Swine Herdsman, Animal Husbandry	Feb. 1, 1922	1,200.00	500.00
P. C. Thomssen	Swine Herdsman, Animal Husbandry	Nov. 1, 1921	1,200.00	Budget
<i>College of Commerce and Journalism</i>				
C. W. Bowers	Asst., Business Organization	Feb. 1, 1922	400.00	200.00
<i>College of Engineering</i>				
Clay H. Stackhouse	Student Assistant, Ind. Arts	Mar. 1, 1922	400.00	160.00
Granville G. Prior	Student Assistant, Ind. Arts	Mar. 1, 1922	300.00	120.00
Erwin M. Breithaupt	Student Assistant, Ind. Arts	Mar. 1, 1922	200.00	80.00
Rodney F. Stilwell	Student Assistant, Mineralogy	Mar. 1 to June 1, 1922	200.00	80.00
V. M. Lucas	Wireless Operator, Elec. Engineering	Mar. 1, 1922	300.00	120.00
John Edward Fargus	Student Assistant, Chemistry	Feb. 1, 1922	250.00	125.00
<i>College of Homeopathic Medicine</i>				
Amy Galloway	Student Nurse	Oct. 1, 1921	75.00	56.25
Janetta Taylor	Student Nurse	Oct. 1, 1921	75.00	56.25
Hilda Taylor	Student Nurse	Oct. 1, 1921	75.00	56.25
Jessie Waines	Student Nurse	Oct. 1, 1921	75.00	56.25
Ruth DeLashmutt	Student Nurse	Oct. 1, 1921	75.00	56.25
Mrs. Mildred Couchot	Student Nurse	Oct. 1, 1921	75.00	56.25
Fern Zetty	Student Nurse	Oct. 1, 1921	75.00	56.25
Maude Hugus	Student Nurse	Oct. 1, 1921	75.00	56.25
Mildred Sutter	Student Nurse	Oct. 1, 1921	75.00	56.25
Pauline Justice	Student Nurse	Oct. 1, 1921	75.00	56.25
Laura Campbell	Student Nurse	Oct. 1, 1921	75.00	56.25
Minnie Knecht	Day Supervisor, Hospital	Mar. 6, 1922	840.00	Budget
<i>College of Medicine</i>				
Esther Haberthuer	Technical Asst., Surgery	Feb. 1, 1922	840.00	350.00
<i>Library</i>				
Karl D. Way	Library Assistant, ($\frac{1}{2}$ time)	Feb. 1, 1922	360.00	150.00
<i>Entrance Board</i>				
Mrs. Bessie Plummer	Stenographer	Jan. 12, 1922 for 90 days	960.00	240.00

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Name	Title	Date Effective	Annual Rate	Appropriation
<i>Business Manager's Office</i>				
Helena Sands	Typist	Feb. 20, 1922	900.00	323.08
<i>Operation and Maintenance</i>				
Charles A. Hopkins	Janitor	Mar. 1, 1922	1,140.00	380.00
C. F. Reasoner	Janitor	Jan. 16, 1922	1,140.00	67.86
Edward Laird	Night Janitor, Gymnasium	Jan. 16, 1922	1,080.00	Budget
Benjamin Himebrook	Night Watchman	Jan. 31, 1922	1,200.00	500.00

Upon the recommendation of the President, the following budget changes were made:

College of Agriculture

Virgil Overholt	Asst. Professor, Agr. Engineering	Mar. 1, 1922 for 4 months	\$ 275.00 per mo.	\$1,100.00
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Transferred from Extension payroll to University payroll

College of Commerce and Journalism

Robert M. Hunter	Asst., Business Organization	Feb. 1, 1922	Reduced from Canc. 900 to 600	150.00
Howard H. Webster	Asst., Economic and Social Geography	Feb. 1, 1922	Inc. from 375 to 1,275	Approp. 450.00
Virgil Willet	Assistant, Economics	Feb. 1, 1922	Inc. from 500 to 800	150.00
Paul G. Eckelberry	Asst., Economic and Social Geography	Feb. 1, 1922	Inc. from 600 to 900	150.00

Library

Maud Jeffrey	Reference Librarian	Leave of absence with salary second quarter of next year		during
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Operation and Maintenance

Walter Shott	Painter	Jan. 16, 1922	1,300.00	618.48
Transferred from position of Janitor—Gymnasium, at \$90.00 mo. The funds for his salary to be taken from 2070 as part of the salary of Craneman Helper which has been vacant				
C. D. Case	Night Watchman	Feb. 7, 1922	1,200.00	
Transferred from Supervisor of Watchmen at same salary				
C. F. Reasoner	Night Supervisor	Feb. 7, 1922	1,200.00	478.57
Transferred from position of Janitor				
John Tordiff	Janitor	Feb. 7, 1922	1,140.00	Canc. 478.57
Transferred from position of Night Watchman and salary reduced to \$95.00 per month				
			Approp.	454.64

* * * Thereupon, the Trustees recessed to meet in the morning at 9:30.

* * * March 8, 1922.

The meeting was called to order at 9:30 a. m. with the same members present as at yesterday's session.

* * * The adjustment of student fees to the Four-quarter plan was referred to the President and Secretary to prepare a report thereon for the consideration of the Trustees at their next meeting.

* * * The University Architect was directed to prepare plans, specifications, and estimates for the equipment of the new Chemistry Building and present same to the Trustees for their approval.

* * * The Secretary reported that practically all the contracts have been let for the new Power House, totaling \$213,000.00. The Trustees having set aside \$294,000.00 for this purpose, there remains a balance of \$81,000.00 not needed.

Upon motion, \$81,000.00 remaining to the credit of the Power Plant fund was cancelled.

* * * * *

The University Architect reported that, acting upon the suggestion of the Trustees at their meeting of January 11, 1922, he had completed the preliminary estimates and sketches for the proposed Administration Building including the third story, to be used for Faculty Union rooms. The estimated cost of this building will be \$330,000.00, or \$80,000.00 more than has been set aside for this purpose.

Upon motion, it was ordered that the \$81,000.00 cancelled from the Power House building fund be added to the allotment made for the Administration Building, and the Architect was directed to proceed with the preparation of the plans for the complete building.

* * * * *

The President presented a preliminary outline for summer work in the College of Education. Upon motion, he was directed to work out a plan for summer work for the College of Education in accordance with said outline.

* * * * *

The Secretary presented a communication from Mr. Hugh K. Martin, Adjutant of the American Legion, Department of Ohio, concerning an interpretation of Senate Bill No. 141, 109 O. L. 356, known as the Jones Act. Upon motion, the President and Secretary were directed to secure an official opinion from the Attorney General as to the proper interpretation of said act.

* * * * *

The President presented a communication from the Department of Civil Engineering concerning the Olentangy River improvement. Inasmuch as this communication was prepared before the Department of Civil Engineering had an opportunity to study the report of Mr. Miller, the Secretary was directed to request the Department of Civil Engineering to submit a further report to the special committee of which Dr. Mendenhall is chairman, for the consideration of the Trustees at their next meeting.

* * * * *

The Secretary presented a communication from the Steffenguide Company of Ohio, asking permission to install four posts on the University property. This authority was granted, provided the posts do not carry any advertising matter.

* * * * *

The special committee on buildings was given power to select a consulting architect to advise with the Board of Trustees and the University Architect on the plans for the new buildings to be built in the near future.

* * * * *

Thereupon, the Board adjourned to meet at the call of the Chairman.

Attest:

CARL E. STEEB,

Secretary

JOHN KAISER,

Chairman

OFFICE OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

Columbus, Ohio, April 4, 1922.

The Board of Trustees met at the University at 7:30 p. m., pursuant to the call of the Chairman.

Present: John Kaiser, Chairman; T. C. Mendenhall, L. E. Laybourne, J. F. Cunningham, O. E. Bradfute.

Upon the recommendation of the President, \$8,500.00 was appropriated from the Interest on the Endowment Fund to be paid to the Alumni Association in monthly installments during the current fiscal year.

President Thompson was appointed delegate to represent the Ohio State University at the Fiftieth Anniversary of the founding of the Virginia Agricultural and Mechanical College and Polytechnic Institute to be held at Blacksburg, Virginia, May 28, 29, and 30, 1922.

Professor Joseph A. Leighton was elected delegate to represent the Ohio State University at the exercises commemorative of the One Hundredth Anniversary of the founding of Hobart College in Geneva, New York, June 13, 1922.

The President was directed to name an alternate in case Dr. Leighton is unable to accept the above commission.

President Thompson presented a report from Professor George W. Rightmire relative to his attendance at the conference of Bar Association delegates at Washington, D. C., on February 23 and 24.

The President presented a communication from Dean Arps recommending that Professor George R. Twiss be given a leave of absence for two years for the purpose of serving the Chinese government by making a special investigation on science teaching in the schools of China, this work to require approximately two years.

The Board approved the general principle of giving Professor Twiss leave of absence for two years for the purpose of carrying out the special work as outlined above, the details to be arranged by the President and reported back to the Board of Trustees for approval at a later meeting.

The President presented a communication from Dean Hitchcock concerning a building to house the 500,000 lb. Testing Machine, this building to form a portion of the proposed Engineering Experiment Station Laboratory. Upon motion, this letter and blue prints accompanying, were referred to the Cabinet for examination and report.

The request from Dean Hagerty for representation at the meeting of the National Conference of Collegiate Schools in Business Education which meets at Philadelphia, May 4, 5, and 6, was presented by the President with the recommendation that if funds are available, one delegate be authorized and that the University pay the transportation and pullman charges. Upon motion, the above recommendation by the President was agreed to.

The following schedule of fees and general charges was authorized by the Trustees to become effective with the Summer Quarter, 1922:

Matriculation Fee—\$10.00. Payable by every student upon his first admission to the University.

Non-resident Fee—\$35.00 each Quarter.

Students who do not pay this fee within thirty days after they have been notified that the non-resident fee has been assessed against them will have their registration in the University cancelled.

Incidental Fee—For all students, except as indicated below—\$15.00 each quarter.

Full Summer Quarter—\$15.00.

First Term of Summer Quarter—\$10.00.

Second Term of Summer Quarter—\$10.00.

Three-year Course in Agriculture—\$10.00 each term.

Professional College Fees:

College of Law—\$20.00 each quarter.

College of Medicine—\$50.00 each quarter.

College of Homeopathic Medicine—\$50.00 each quarter.

College of Dentistry—\$50.00 each quarter.

Industrial Medicine—\$15.00 each quarter.

Public-health Nursing—\$15.00 each quarter.

Science Nursing—\$15.00 each quarter.

Public Health and Sanitation—\$15.00 each quarter.

Applied Optics—First and second years, \$15.00 each quarter; third and fourth years, \$35.00 each quarter.

Additional Fee for Late Registration:

Former students who do not pay their registration fees during the first two days of the quarter must pay one dollar additional on the third day, and for each day of delinquency thereafter.

Ohio Union and the Women's Union—\$1.00 each quarter.

Gymnasium Fee:

Students taking gymnasium work are required to pay a gymnasium fee of one dollar each quarter, which includes locker and towel service.

* * * * *

Professor Clarence E. Andrews was granted leave of absence for the coming autumn quarter, subject to the budget to be adopted later.

* * * * *

The request of Professor Kelley for a studio building to be used by Mr. Saville, was referred to the Cabinet for examination and report.

* * * * *

Thereupon the Board recessed to meet in the morning.

* * * * *

April 5, 1922.

The Board met at 9:30 a. m. with the same members present as at last evening's session.

* * * * *

The Secretary reported that on March 27, at 12 o'clock noon, bids were received in accordance with advertisement, opened and publicly read by the Cabinet in the presence of the State Architect for the following improvements:

4-4-'22

Mack Hall (General Contract)

Items:	E. Elford.....	\$158,000.00
1 to 15	L. L. LeVeque (Low).....	189,700.00
17 to 19	R. H. Evans.....	145,000.00
22 to 24	D. W. McGrath & Sons.....	142,485.00

16. Heating & Ventilating Contract

Fitzpatrick & Hoepfner.....	\$30,285.00
Wm. H. Conklin Co.....	8,137.00
Samuel Esswein Co.....	34,464.00
Huffman-Wolfe Co.....	7,983.00

20. Plumbing

(combined)	Total
\$22,995.00	\$81,182.00
(combined)	
22,433.00	30,416.00

21. Electrical Work

P. L. Gilmore.....	2,850.00
Northern Electric Co.....	2,708.00
M. G. Beck	3,285.00

Power House

4. Heating and Plumbing

Huffman-Wolfe Co.....	4,690.00
S. A. Esswein.....	5,125.00
Wm. H. Conklin Co.....	5,797.00
Fitzpatrick & Hoepfner.....	4,700.00

3. Electrical work

Hughes-Peters Elec. Co.....	4,854.00
Northern Electric Co.....	4,256.00
Paul L. Gilmore.....	4,200.00
Electric Power Equipment Co....	4,260.00

(All over estimate)

Horse Barn (General Contract)

Items 1 to 10 and 13

A. K. McCall Co.....	22,711.00
A. W. Levinson.....	30,428.89
E. Elford	22,000.00
Adam Pitts	27,209.00
D. W. McGrath & Sons.....	25,200.00
F. & Y. Construction Co.....	24,661.00

Item 11. Electrical Work

Hughes-Peters Elec Co.....	456.00
Electric Power Equipment Co....	535.00
E. H. Cobb (Low).....	419.00
Weisz & Brooke Co.....	522.50
Northern Electric Co.....	430.00
M. G. Beck.....	524.00

Item 12. Water Supply and Drainage

Huffman-Wolfe Co.....	370.00
Fitzpatrick & Hoepfner.....	554.00
Wm. H. Conklin Co.....	497.00

Dairy Cattle Barn (General Contract)

Items 1 to 9, 12 and 13.

E. Elford	23,000.00
D. W. McGrath & Sons.....	30,400.00
A. W. Levinson.....	27,020.03
A. K. McCall Co.....	24,837.00

Alternate G

\$3,200.00
3,300.00
1,512.35
3,766.00

Item 11. Electrical Work

M. G. Beck.....	620.00
Northern Electric Co.....	755.00
Hughes-Peters Co.....	625.00
Weisz & Brooke Co.....	738.00
E. H. Cobb (Low).....	510.00
Electric Power Equipment Co....	599.00

Item 12. Water Supply and Drainage

Fitzpatrick & Hoepfner.....	1,255.00
Wm. H. Conklin Co.....	1,297.00
Huffman-Wolfe Co.....	1,070.00

Beef Cattle Barn (General Contract)

Items 1 to 8, and 11.

E. Elford.....	25,300.00
A. K. McCall Co.....	23,884.00
D. W. McGrath & Sons.....	26,400.00

Item 9. Electrical Work

Hughes-Peters Co.....	635.00
Electric Power Equipment Co.....	626.00
E. H. Cobb (Low).....	526.00
Weisz & Brooke Co.....	717.00
Northern Electric Co.....	725.00
M. G. Beck.....	535.00

Item 10. Plumbing and Drainage

Huffman-Wolfe Co. (Low).....	460.00
Wm. H. Conklin Co.....	678.00
Fitzpatrick & Hoepfner.....	753.00

The above bids were referred to the University Architect and the State Architect for examination and recommendation.

* * * * *

The following reports from the State Architect and the University Architect were presented:

From an examination of the bids received March 27, 1922, for the construction of a Dairy Cattle Barn, and the instructions from the Attorney General's Office, we recommend that:

- (1) The "General Contract" which includes items 1, 2, 3, 4, 5, 6, 7, 8, 9, 13 of the specifications be awarded to E. Elford for his bid of.... \$23,000.00
- (2) The "Electrical Contract" item 10 to E. H. Cobb for his bid of..... 510.00
- (3) The "Plumbing and Drainage Contract" item 11 to the Huffman-Wolfe Co. for their bid of 1,070.00

Total \$24,580.00

Architect's Estimate..... \$33,079.75

We further recommend "Alternate G" to be added to the contract of E. Elford for his bid of.....

\$ 3,200.00

Architect's Estimate..... \$ 6,000.00

The above bids comply with all requirements.

Respectfully submitted,

(Signed) ROBERT S. HARSH, . (Signed) JOS. N. BRADFORD,
State Architect and Engineer University Architect.

Upon motion the above recommendation was agreed to and the contracts for this building were awarded to E. Elford, including items 1, 2, 3, 4, 5, 6, 7, 8, 9, 13, and Alternate G; to E. H. Cobb, item 10; and to the Huffman-Wolfe Company, item 11; for their bids as stated above, and the following resolution was passed:

The Secretary is hereby authorized and directed to prepare contracts in the usual form for execution by the Contractors and the Department of Highways and Public Works, such contracts in such form are hereby approved, and it is hereby determined to proceed with the work contemplated by the above awards under such contracts. The Secretary is hereby authorized and directed to certify the above action

of this Board on the contracts or in any other form that may be required to attest the same.

* * * * *

From an examination of the bids received March 27, 1922, for the construction of a Horse Barn, and instructions from the Attorney General's office, we recommend that—

- (1) The "General Contract" which includes items 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, and 13 of the specifications be awarded to E. Elford for his bid of..... \$22,000.00
- (2) The "Electrical Contract," item 11 of the specifications to E. H. Cobb for his bid of.. 419.00
- (3) The "Water Supply and Drainage Contract," item 12, to the Huffman-Wolfe Co. for their bid of..... 370.00

Total \$22,789.00

Architect's estimate..... \$25,149.00

The above bids comply with all requirements.

Respectfully submitted,

(Signed) ROBERT S. HARSH, (Signed) JOS. N. BRADFORD,
State Architect and Engineer University Architect.

Upon motion, the above recommendation was agreed to and the contracts for this building were awarded to E. Elford, including items 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, and 13; to E. H. Cobb, item 11; and to the Huffman-Wolfe Company, item 12; for their bids as stated above, and the following resolution was passed:

The Secretary is hereby authorized and directed to prepare contracts in the usual form for execution by the Contractors and the Department of Highways and Public Works, such contracts in such form are hereby approved, and it is hereby determined to proceed with the work contemplated by the above awards under such contracts. The Secretary is hereby authorized and directed to certify the above action of this Board on the contracts or in any other form that may be required to attest the same.

* * * * *

From an examination of the bids received March 27, 1922, for the construction of a Beef Cattle Barn, and the instructions from the Attorney General's Office, we recommend that—

- (1) The "General and Plumbing" contracts which include items 1, 2, 3, 4, 5, 6, 7, 8, 10, and 11 of the specifications be awarded to A. K. McCall & Co. for his bid of..... \$23,884.00
- (2) The "Electrical Contract" item 9, to E. H. Cobb for his bid of..... 526.00

Total \$24,410.00

Architect's estimate..... \$29,337.80

The above bids comply with all requirements.

Respectfully submitted,

(Signed) ROBERT S. HARSH, (Signed) JOS. N. BRADFORD,
State Architect and Engineer University Architect.

Upon motion, the above recommendation was agreed to and the contracts for this building were awarded to A. K. McCall & Company, including items 1, 2, 3, 4, 5, 6, 7, 8, 10 and 11; and to E. H. Cobb, item 9; for their bids as stated above, and the following resolution was passed:

The Secretary is hereby authorized and directed to prepare contracts in the usual form for execution by the Contractors and the Department of Highways and Public Works, such contracts in such form are hereby approved, and it is hereby determined to proceed with the work contemplated by the above awards under such contracts. The Secretary is hereby authorized and directed to certify the above action of this Board on the contracts or in any other form that may be required to attest the same.

* * * * *

From an examination of the bids received March 27, 1922, for the Heating and Plumbing and Electrical Work for the Power House and the instructions from the Attorney General's Office, we recommend that—

- (1) The "Heating and Plumbing Contract," item 4,
be awarded to the Huffman-Wolfe Co. for
their bid of..... \$4,690.00
Architect's estimate \$7,164.00

The above bid complies with all requirements.

- (2) All bids be rejected for the Electrical Work
as they were over the Architect's estimate
of \$3,518.00.

Respectfully submitted

(Signed) ROBERT S. HARSH, (Signed) JOS. N. BRADFORD,
State Architect and Engineer. *University Architect.*

Upon motion, the above recommendation was agreed to and the contract for the Heating and Plumbing for the new Power House was awarded to the Huffman-Wolfe Company at its bid as stated above, and the following resolution was passed:

The Secretary is hereby authorized and directed to prepare a contract in the usual form for execution by the Contractor and the Department of Highways and Public Works, such contract in such form is hereby approved, and it is hereby determined to proceed with the work contemplated by the above award under such contract. The Secretary is hereby authorized and directed to certify the above action of this Board on the contract or in any other form that may be required to attest the same.

Upon motion the recommendation on the Electrical Work was agreed to and the Secretary was directed to advise the Director of Highways and Public Works of such action and to request authority to reject bids received for the Electrical Work.

* * * * *

From an examination of the bids received for the construction of Mack Hall (Girls' Dormitory) March 27, 1922, and instructions from the Attorney General's Office, we recommend that—

- (1) The "General Contract" which includes items
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14,
15, 17, 18, 19, 22, 23, and 24 of the specifica-

tions be awarded to the L. L. LeVeque Co. for their bid of.....	\$139,700.00
(2) The "Heating and Plumbing" contracts, items 16 and 20 to the Fitzpatrick & Hoepfner Co. for their bid of.....	30,285.00
(3) The "Electrical Contract" item 21 to the Northern Electric Co. for their bid of....	2,708.00
Total	\$172,693.00
Architect's estimate	\$194,729.00

The above bids comply with all requirements.

Respectfully submitted,

(Signed) ROBERT S. HARSH, (Signed) JOS. N. BRADFORD,
State Architect and Engineer University Architect.

Upon motion, the above recommendation was agreed to and the contracts for this building were awarded to the L. L. LeVeque Company, including items 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 22, 23, and 24; to the Fitzpatrick & Hoepfner Company, items 16 and 20; and to the Northern Electric Company, item 21; for their bids as stated above, and the following resolution was passed:

The Secretary is hereby authorized and directed to prepare contracts in the usual form for execution by the Contractors and the Department of Highways and Public Works, such contracts in such form are hereby approved, and it is hereby determined to proceed with the work contemplated by the above awards under such contracts. The Secretary is hereby authorized and directed to certify the above action of this Board on the contracts or in any other form that may be required to attest the same.

* * * * *

The President presented the following budget for the Summer Quarter which, upon his recommendation, was formally adopted:

COLLEGE OF EDUCATION

Department of School Administration

W. S. Dakin	Prof. of Education	First term	\$550.00
J. L. Purdom	Prof. of Education	Whole quarter	1,000.00
J. L. Stenquist	Prof. of Education	First term	750.00
	Assistant Professor		500.00
W. W. Coxie	Instructor in Edu.	First term	300.00

Department of Psychology

Ernest N. Henderson	Prof. of Psychology	First term	600.00
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Department of Principles and Practice of Education

N. S. Maddox	Teaching Assistant	First term	175.00
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Department of Music

Royal D. Hughes	Professor of Music	First term	700.00
Norma V. Owen	Inst. in Music	First term	300.00
Mildred Hinkle	Inst. in Music	First term	200.00

Department of Art

Minna L. Volk	Instructor	First term	400.00
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Department of History and Philosophy of Education

R. H. Eckelberry	Graduate Assistant	Whole quarter	250.00
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Administration of Intelligence Tests

Paul R. Farnsworth	Graduate Assistant	Whole quarter	200.00
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Miscellaneous

Summer Quarter lectures (total cost last summer \$689).	700.00
Rent for two pianos (cost estimated, same as last year).	75.00
Services of an accompanist (Cost estimated, same as last year).	50.00
Slides for illustrated lectures (Cost estimated, same as last year).	12.00

* * * * *

Upon the recommendation of the President, the following resignations were accepted and the balances cancelled in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Cancellation
<i>College of Agriculture</i>				
Joseph P. Miller	Teamster, Farm Op.	Feb. 28, 1922	\$1,080.00	\$360.00
Fred Kinney	Teamster, Farm Op.	Apr. 1, 1922	1,080.00	270.00
William Jacobs	Teamster, Animal Husbandry	Mch. 1, 1922	1,140.00	380.00
<i>Stenographic and Clerical</i>				
Florence Courtright	Stenographer	Jan. 31, 1922	960.00	400.00
Avis Allen	Stenographer	Feb. 28, 1922	960.00	320.00
Lucille Berry	Stenographer	Mch. 31, 1922	900.00	225.00
<i>Operation and Maintenance</i>				
J. R. Roberts	Fireman	Feb. 28, 1922	1,350.00	450.00
Andrew Armstrong	Fireman	Mch. 9, 1922	1,080.00	332.31
Carrie Dunning	Janitress	Sept. 30, 1921	750.00	562.50
Belle Mitchell	Laundress	Mch. 14, 1922	750.00	221.15
* * * * *				

Upon the recommendation of the President, the following appointments were made, and the necessary amounts appropriated to meet the salaries in accordance with the general rule:

Agricultural Extension

Hugh J. Ridge	Co. Agr. Agent	Mch. 1, 1922	\$2,500.00	
	Supp. Ext. A-1	\$133.33		
	Allen Co. Funds.....	75.00		
	Total	\$208.33		
	Automobile maintenance Allen Co			
	Funds	\$600.00		
Dalton D. Dowds	Co. Agr. Agent	Mch. 1, 1922	1,600.00	
	Supp. Ext. Funds in Project No. 2			
	Automobile maintenance Vinton Co.			
	Funds	\$500.00		
	Supp. Ext. Funds.....	100.00		
	Total	\$600.00		
Birdie Bell	Clerk	Mch. 6, 1922	70.00 mo.	
	Smith-Lever Funds in Project No. 1			
<i>College of Agriculture</i>				
E. J. Day	Teamster, Farm Op.	Mch. 6, 1922	1,080.00	349.61
Ira Blanchard	Teamster, Farm Op.	Apr. 1, 1922	1,080.00	270.00
Lon Bloomer	Teamster, Animal Husbandry	Apr. 1, 1922	960.00	240.00
<i>College of Commerce and Journalism</i>				
Henry C. Segal	Reader, Journalism	Feb. 1, 1922	150.00	75.00
<i>College of Engineering</i>				
Lyman C. Athey	Student Assistant, Metallurgy	Mch. 15, to June 15, 1922	20.00 mo.	60.00

					4-4-'22
Name	Title	Date Effective	Annual Rate	Cancel-lation	
<i>Stenographic and Clerical</i>					
Alice B. Maltby	Stenographer, College of Med.	Feb. 15, 1922	900.00	337.50	
Alice Gillam	Stenographer, Dairy Trans. from Agr. Extension	Mch. 1, 1922	960.00	320.00	
Treva Siler	Stenographer, Dairy	Mch. 1, 1922	900.00	300.00	
<i>Operation and Maintenance</i>					
Dolly Gray	Laundress	Mch. 14, 1922	750.00	221.15	

Upon the recommendation of the President, the salary of Blanche Seddon, Stenographer, Bureau of Educational Research, was increased from \$900.00 to \$960.00 per annum, effective March 1, 1922.

* * * * *

Upon the recommendation of the President, the following contract between the Ohio State University and the State Board for Vocational Education regarding the training of teachers for trades and industries and retail selling under the Smith-Hughes Law was approved and the President of the University and the Secretary of the Board of Trustees were directed to execute said contract in behalf of the Ohio State University.

CONTRACT BETWEEN THE OHIO STATE UNIVERSITY AND THE STATE BOARD FOR VOCATIONAL EDUCATION RE- GARDING THE TRAINING OF TEACHERS FOR TRADES AND INDUSTRIES AND RETAIL SELLING UNDER THE SMITH-HUGHES LAW.

The Board of Trustees of the Ohio State University herewith agrees to provide in the College of Education of said University, facilities for the training of teachers for Trades and Industries and Retail Selling during the year ending June 30, 1923, in accordance with the requirements of the act of Congress known as the Smith-Hughes Law and with the plans as adopted by the State Board for Vocational Education, of the State of Ohio, for the training of teachers for trades and industries and retail selling. As a part of this training, the Board of Trustees agrees to provide suitable facilities for practice teaching in Trades and Industries and Retail Selling and for observation of teaching in Trades and Industries and Retail Selling.

The Teacher Training for Trades and Industries and Retail Selling in the College of Education of the Ohio State University will be subject to the general supervision of the State Board for Vocational Education through its regularly designated Supervisor of Teacher Training for Trades and Industries and Retail Selling.

In consideration of this action by said Board of Trustees and upon condition of the fulfillment of the same, the State Board for Vocational Education hereby agrees to reimburse the Ohio State University for moneys spent in connection with the courses in Teacher Training for Trades and Industries and Retail Selling in amounts not to exceed those stated for each item in the budget given below. Reimbursement for such expenditures will be made quarterly (the quarters ending September 30, December 31, March 31, and June 30, respectively) upon the presentation of a properly attested affidavit showing the actual expenditures during the quarter.

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BUDGET FOR TEACHER TRAINING FOR TRADES AND INDUSTRIES AND RETAIL SELLING AT THE OHIO STATE UNIVERSITY

Columbus	Salaries, Teacher Training Trades and Industries...	\$ 7,968.00
	Salaries, Teacher Training Retail Selling.....	6,450.00
	Stenographic Service	1,000.00
	Travel	1,300.00
	Printing	200.00
	Communication	150.00
	Supplies	150.00
Cincinnati	Salaries, Teacher Training Trades and Industries...	6,868.00
Dayton	Salaries, Teacher Training Trades and Industries...	768.00
Toledo	Salaries, Teacher Training Trades and Industries...	768.00
Marion	Salary, Teacher Training Trades and Industries.....	384.00
Springfield	Salary, Teacher Training Trades and Industries.....	384.00
Grand Total (Ohio State University).....		\$26,390.00

In behalf of the Ohio State University,
(Signed) W. O. THOMPSON,
President.

(Signed) CARL E. STEEB,
Secretary, Board of Trustees.

In behalf of the State Board for Vocational Education,
(Signed) VERNON M. RIEGEL,
President and Executive Officer.

April 5, 1922.

* * * * *

Upon motion of Mr. Laybourne, a committee consisting of Messrs. Steeb, Bradford, and Chubb was appointed to prepare a suggested program covering a contest for the best ideas concerning the construction of an auditorium or coliseum on the University campus, said suggested program to be submitted to the Board of Trustees for its approval.

* * * * *

An appropriation of \$500.00 was made for the Ohio Journal of Science as formerly.

* * * * *

The Secretary presented a communication from Colonel Leonard regarding defective material used by the M. C. Lilley Company on their recent contract for furnishing uniforms to cadets. The Secretary also presented a communication from the M. C. Lilley Company in which the company proposes to replace without charge all garments that have broken, up to date, and to replace any garments that may break during the balance of this college year, provided tests of the cloth show the garment was made of cloth of less strength than the sample submitted and contracted for in July.

Upon motion, the Secretary was directed to inform the M. C. Lilley Company that, in the opinion of the Board of Trustees, the M. C. Lilley Company should extend their proposition to cover the next college year upon the same terms, with the understanding that the tests be made under the direction of Dr. Withrow.

* * * * *

The Secretary presented the following communication from Dr. Mendenhall:

My dear Mr. Steeb—In response to the expressed desire of many of the older alumni of the University, arrangements

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are now in progress for making the first award of the Joseph Sullivant Medal in June next.

The accumulated interest from the endowment fund, together with the sum of \$1,000.00 for the design of the medal and the making of the dies, as provided for in my Letter of Gift of August 31, 1920, will not be sufficient for the necessary expenses incident to an award at this time and to supplement this sum, I am sending you herewith my check of \$500.00.

Should there be a balance after the payment of said expenses, it may be disposed of as provided in the Letter of Gift.

Yours faithfully,
(Signed) T. C. MENDENHALL.

Upon motion, the above gift was accepted and the Secretary was directed to express to Dr. Mendenhall the appreciation of the Board of Trustees for his continued generosity.

* * * * *
Thereupon, the Board adjourned to meet May 3, 1922, 10:00 a. m., at the University.

Attest:

CARL E. STEEB,
Secretary

JOHN KAISER,
Chairman

OFFICE OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

Columbus, Ohio, May 3, 1922.

The Board of Trustees met at the University at 10:00 a. m., pursuant to the call of the Chairman.

Present: John Kaiser, Chairman; T. C. Mendenhall, O. E. Bradfute, L. E. Laybourne, B. F. McCann.

* * * * *
Upon the recommendation of the President, the following resignations were accepted and the balances cancelled in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Cancellation
<i>Library</i>				
Dorothea Conrad	Library Assistant	April 1, 1922	\$ 960.00	\$240.00
<i>Stenographic and Clerical</i>				
Mary J. Scheidegger	Stenographer, College of Medicine	April 30, 1922	960.00	160.00
Blanche Seddon	Stenographer, Bureau of Educ. Res.	May 15, 1922	960.00	120.00
<i>Operation and Maintenance</i>				
Benjamin Himebrook	Night Watchman	April 24, 1922	1,200.00	220.00
Jack Foster	Janitor	April 30, 1922	1,140.00	190.00
L. W. Richardson	Janitor	April 29, 1922	1,140.00	190.00
Edward Laird	Janitor	April 30, 1922	1,080.00	185.00

Upon the recommendation of the President, the following appointments were made, and the necessary amounts appropriated to meet the salaries in accordance with the general rule:

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Name	Title	Date Effective	Annual Rate	Appropriation
<i>Agricultural Extension</i>				
Margaret Detweiler	Home Demon. Agt.	May 1, 1922	\$2,100.00	
	State Offsetting, A-1....	\$104.17		
	Mahoning County funds	70.88		
	Total.....	\$175.00		
	Automobile maintenance, Mahoning Co. funds.....			\$600.00
<i>College of Medicine</i>				
Herman Koerper	Instructor, Obstetrics	May 1, 1922	No salary for remainder of year	
<i>Library</i>				
Oliver Donnenwirth	Library Assistant	April 1, 1922	780.00	\$195.00
<i>Business Manager's Office</i>				
C. Reed Hill	Clerk	April 1 to June 30, 1922	60.00 mo.	180.00
Glenn W. Hatfield	Clerk	April 1 to June 30, 1922	45.00 mo.	135.00
<i>Stenographic and Clerical</i>				
Eulalia Chaney	Stenographer, Military Science	April 1, 1922	900.00	225.00
<i>Operation and Maintenance</i>				
Paul Davis	Painter's Helper	April 3, 1922	960.00	233.85
Lawrence Mack	Engine Wiper	April 3, 1922	1,080.00	263.08
O. D. Conaway	Night Watchman	April 25, 1922	1,200.00	220.00
William Rickner	Janitor	April 18, 1922	1,080.00	218.08
Dan Brock	Janitor	April 16, 1922	1,140.00	235.00

Upon the recommendation of the President, Walter Duffee, Instructor in Obstetrics, was granted leave of absence for the remainder of the current year with salary.

Upon the recommendation of the President, the position of Stenographer, half time, was cancelled to take care of the two positions in the Business Manager's office.

Upon the recommendation of the President, the tuition fee in the Colleges of Medicine, Homeopathic Medicine, and Dentistry per quarter was divided as follows:

Tuition.....	\$25.00
Laboratory deposit, unreturnable.....	25.00

Total..... \$50.00

Duplicate diploma was ordered issued to Ritter C. Denkwalter, Three-year Short Course in Agriculture, 1922, sufficient evidence having been presented that the original was destroyed.

Upon the recommendation of the President, Professor James S. Hine of the Department of Zoology and Entomology was granted leave of absence for the coming year, for the purpose of spending the year in study and research at other universities, his salary to be continued as at present.

The President presented a copy of a petition from the different organizations in the College of Commerce and Journalism, asking that certain rooms be set aside in the new building for the exclusive

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use of such organizations. Upon motion, such assignment of space was not approved.

* * * * *

The President was directed to prepare and present to the Trustees at an early meeting a report to cover the proposed uses to be made of the Agricultural Barns which will be vacated this fall.

* * * * *

The Secretary presented the following recommendations approved by the State Architect and the University Architect concerning necessary extras required in the construction of the new Power House:

April 28, 1922.

Mr. C. E. Steeb, Secretary,
Board of Trustees.

Dear Sir—At the time of awarding the contract for the construction of the Power House, the switchboard details were not definitely known and the floor slab in rear of board was omitted. Later a contract for the switchboard was awarded to the Westinghouse Electric Company, which definitely settled the floor question and the cost of same.

Concrete—16.6 cu. yds. @ \$11.00.....	\$182.00
Floor forms—490 sq. ft. @ .12.....	58.80
Reinforcing steel—3911 lbs. @ .04.....	156.44
Incasing steel beams—70 lin. ft. @ \$1.50...	105.00

\$502.24

For similar reasons, part of omitted floor left for engine foundations, should be constructed at this time at a cost of

Concrete—4 cu. yds. @ \$11.00.....	\$ 44.00
Floor forms—140 sq. ft. @ .12.....	16.80
Beam forms—76½ sq. ft. @ .15.....	11.47
Reinforcing steel—760 lbs. @ .04.....	30.40
Two 15" channels fabricated @	74.65
Incasing steel beams—53 lin. ft. @ \$1.50...	79.50

\$256.82

To provide for boiler soot blower apparatus, it is necessary to modify four steel columns by cutting oblong holes through the webs and reinforcing the webs by steel plates riveted on at a cost of..... \$ 50.00

It is found desirable to add a steel window in south wall opening into engineer's office at a cost of..... \$ 25.00

The above is recommended to the Board of Trustees for their approval and to authorize the contractor to proceed with the work for the prices stated above.

Approved:

Approved:

(Signed) ROBERT S. HARSH,
State Architect and Engineer

(Signed) JOS. N. BRADFORD,
University Architect

— o —

April 28, 1922.

Mr. C. E. Steeb, Secretary,
Board of Trustees.

Dear Sir—The excavation work for the foundation footings for the Power House developed an unforeseen condition

of the soil, requiring the excavation to be carried to a much greater depth than shown on our drawings.

The unsafe condition of the earth, a soft blue muck, saturated with water, would hardly support the weight of a man. As we had concentrated column loads of approximately 600,000 pounds, it was necessary to carry the excavations down to firm, solid earth, which by actual load tests would support the building. On account of the water encountered, it was necessary to crib the deep excavation, in some cases 15 feet, to carry on the work with safety to the workmen.

The excavation, amount of extra and cost could not be determined beforehand, making it necessary to do the work on force account, as per attached sheet and amounted to..... \$2,640.00

The extra depth of the excavation required extra concrete work for the foundations. Extra concrete, lean mix, as per attached sheet—449.99 cu. yds. @ \$9.50..... 4,274.90
 Extra concrete 1:2:4 mix, as per attached sheet—44 cu. yds. @ \$11.00..... 484.00
 Extra reinforcing steel—6151 lbs. @ .03..... 184.53
 Roll wire fencing for reinforcing tunnel..... 28.00

\$7,611.43

Approved: (Signed) ROBERT S. HARSH, *State Architect and Engineer*
 Approved: (Signed) JOS. N. BRADFORD, *University Architect*

Upon motion, the two extras recommended above were authorized and approved and the Secretary was directed to certify said action by the Board of Trustees to the Department of Highways and Public Works, with the request that such extras be approved and authorized by said department.

The Secretary presented the following recommendations approved by the University Architect concerning necessary extras required in the construction of Pomerene Hall:

May 1, 1922.

Mr. C. E. Steeb, Secretary,
 Board of Trustees.

Dear Sir—In excavating for the Women's Building, defective earth was encountered under the tower, north foundation, and piers for columns, requiring extra excavation, extra concrete and extra reinforcing steel.

200 cu. yds. extra excavation @ \$1.50..... \$ 300.00
 40 cu. yds. extra concrete @ \$12.00..... 480.00
 16022 lbs. @ .04..... 640.88

\$1,420.88

The excavation and concrete unit prices were submitted by the contractor, R. H. Evans Company, in his original bid.

The above is recommended to the Board of Trustees for their approval.

Approved:
 (Signed) JOS. N. BRADFORD,
University Architect.

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May 1, 1922.

Mr. C. E. Steeb, Secretary,
Board of Trustees.

Dear Sir—To connect the heat, water, electric light, and telephone service lines of the Women's Building with the mains in Neil Avenue, it was necessary to construct 76 lin. ft. of 6x6 masonry tunnel. The construction consisted of brick sidewalls, brick floor, and reinforced concrete top.

The proposal of the Robert H. Evans & Company, contractors for the Women's Building, was \$1,965.00.

The above item is recommended to the Board of Trustees for their approval.

Approved:

(Signed) JOS. N. BRADFORD,
University Architect.

— o —

May 1, 1922.

Mr. C. E. Steeb, Secretary,
Board of Trustees.

Dear Sir—The assignment of the basement and second floors of the Women's Building to Physical Education for women students, required changes in the second- and third-floor tower rooms to adapt them to offices for the director and her assistants. The modifications required additional partitions, doors, toilet rooms, shower rooms, dressing rooms, changes in heating and electric lighting.

The contractor, Robert H. Evans & Company, submitted a proposal for this work of \$1,973.17.

The above is recommended to the Board of Trustees for their approval.

Approved:

(Signed) JOS. N. BRADFORD,
University Architect.

— o —

May 2, 1922.

Mr. C. E. Steeb, Secretary,
Board of Trustees.

Dear Sir—A 20" roof ventilator, over the dryer room, connecting with shower room, in basement of Women's Building was necessary for proper ventilation.

The contractor, R. H. Evans & Company, charged for this work \$54.90.

The above is recommended to the Board of Trustees for their approval.

Approved:

(Signed) JOS. N. BRADFORD,
University Architect.

Upon motion, the four extras recommended above were authorized and approved and the Secretary was directed to certify said action by the Board of Trustees to the Department of Highways and Public Works, with the request that such extras be approved and authorized by said department.

* * * * *

The Secretary presented the following recommendations approved by the State Architect and the University Architect concerning necessary extras required in the construction of Mack Hall:

April 28, 1922.

Mr. C. E. Steeb, Secretary,
Board of Trustees.

Dear Sir—To add to the architectural expression of the exterior of Mack Hall, the following changes are presented for consideration.

1. Add stone corner quoins and corner buttresses marked "A" in red on revised west elevation.
2. Add stone corner quoins to the buttresses on entrance tower marked "B" on revised west elevation.
3. Add stone corner quoins to the gables marked "C" on revised west elevation.
4. Add stone ornamental panel marked "D" on revised west elevation.
5. Add oriel bay, second and third stories, marked "E" revised west elevation.
6. Add stone corner quoins, as shown on north wing, revised east elevation.

The contractor's estimate for this extra work is \$2,957.00.

The above is recommended to the Board of Trustees for their approval and to authorize the contractor to proceed with the work for the sum, as set forth above.

Approved:

Approved:

(Signed) ROBERT S. HARSH, (Signed) JOS. N. BRADFORD,
State Architect and Engineer *University Architect*

Upon motion, the extra recommended above was authorized and approved and the Secretary was directed to certify said action by the Board of Trustees to the Department of Highways and Public Works, with the request that such extra be approved and authorized by said department.

* * * * *

The Secretary presented the plans and specifications for a branch tunnel to be built from the main tunnel west of Neil Avenue to and through under the basement of the passageway connecting Mack Hall to Oxley Hall at an estimated cost of \$5,780.00 which includes all water, gas and air mains, electric light and power cables, and also necessary sewer connections. Upon motion, said plans, specifications, and estimates were approved and the Secretary was directed to submit the same to the Department of Highways and Public Works for its approval and authority to proceed.

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The University Architect presented the completed plans, specifications, and estimates for the proposed Medical Science Building. By agreement, action on these plans, specifications, and estimates was deferred until a later meeting. ✓

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The President presented for the consideration of the Trustees an outline of the budget for the next fiscal year. Upon motion, the Trustees approved in principle the policy of the budget as presented by the President and referred the same back to the President with instructions to complete in accordance with the principles laid down and to

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present the same to the Board of Trustees at its next meeting for final adoption.

* * * * *

The special committee appointed at the last meeting to prepare a program for a competition relative to the needs of an auditorium on the Ohio State University campus, presented the following program which, upon motion, was formally approved and the committee was continued with instructions to carry the program into effect.

PROGRAM FOR A COMPETITION RELATIVE TO THE NEEDS OF AN AUDITORIUM FOR THE OHIO STATE UNIVERSITY

The Board of Trustees of the Ohio State University, recognizing the need of a building to house the activities of the University involving large assemblages of people, and recognizing the great diversity of such activities to be so housed, and the diversity of opinion as to the nature of the building, announce the following competition of ideas related to the subject.

Competitors—The competition shall be open to all students, members of the instructional force, alumni, and to the friends of the University.

Purpose of the Competition—The purpose of the competition is to set forth, in the form of a written essay, a complete discussion of the problem involved in such a building for the Ohio State University.

Suggested Topics for Discussion—

1. Activities to be accommodated.
2. Seating capacity.
3. General nature of the building.
4. Possibility of a single building properly serving all the diverse activities.
5. Location on the campus.
6. Economic discussion from the viewpoint of justifiable cost.

Open Discussion—It is not the intention to limit, in any manner, freedom of expression on such other related topics the competitor may wish to offer.

Prizes—Three Hundred Dollars in honorariums, divided as follows are offered:

First award.....	\$100.00
Second award.....	75.00
Third award.....	50.00
Fourth award.....	25.00
Fifth award.....	25.00
Sixth award.....	25.00

Two additional awards are offered for the best essays presented by students who do not qualify for one of the above awards. These shall consist of the remission of tuition fees for a period of one year.

Judges—The judges for the competition will be selected by the Board of Trustees.

Mandatory Provisions—Essays shall be in the hands of the Board of Trustees on or before July 1, 1922. They shall be typewritten, double spaced on 8½x11 paper. A margin of 1¼ inch on the left and of ¾ inch on the other three edges of the sheet shall be left blank.

Essays shall be signed by a non de plume, and accompanied by a sealed envelope, marked on the outside by the non de plume and containing the name and address of the competitor.

* * * * *

Dr. Mendenhall as Chairman of the special committee having in charge the securing of a portrait of President Thompson, reported that the artist, Mr. Hawthorne, had completed the second portrait of the President and that one member of the committee is in favor of its acceptance and two members are not in favor of its acceptance. Therefore, the committee declines to accept the second portrait. Upon motion, the report was received and the committee discharged.

* * * * *

Dr. Mendenhall as Chairman of the special committee appointed to make an investigation of the situation regarding Medical Education in the University, submitted the following report:

To the Board of Trustees of the Ohio State University.

Gentlemen—At the meeting of the Board on June 11, 1921, in response to a resolution, which was unanimously adopted, a committee of three members of the Board was appointed to make an investigation of the situation regarding Medical Education in the University. ✓

The adoption of the resolution and the appointment of the committee arose out of the fact that the Trustees were about to undertake an extensive enlargement of facilities for medical instruction by the erection of a hospital, research laboratories, etc., while at the same time it was well known that the existing scheme of Medical Education was the subject of widespread and severe criticism, especially among the members of the medical profession.

The committee was instructed to report such recommendations as it deemed proper and in compliance with this command, the following brief report, with accompanying recommendations, is submitted:

As a preliminary to the holding of meetings for the discussion of the greater issues involved, a somewhat lengthy "brief" or synopsis of the situation as it presented itself to him, was prepared by the chairman of the committee, copies of which were sent to the other members and to the President of the University. This furnished a basis for discussion at subsequent meetings of the committee and the recommendations submitted herewith are the logical sequence of the facts therein contained. This statement may be summarized as follows:

Fundamentally, our fault lies in the maintenance of two separate and distinct Colleges of Medicine, radically differing in their conception of the nature of the Science. While it would be manifestly absurd to maintain two Colleges of Law, or Engineering, or Education, or Agriculture, we seem to have failed to recognize the fact that the support of two Colleges of Medicine is no less illogical. In this quite indefensible attitude we stand alone; no other institution of learning in this country or, as far as is known, in the whole world, shares this distinction with us.

Because of our dual organization, our efforts to develop a strong school of medicine, comparable in character and

standing with other departments of the University, have been unavailing, and, in the opinion of the authorized representatives of the great body of the medical profession, must continue to be so as long as existing conditions are maintained.

Not only is the rank and reputation of the College of Medicine imperilled thereby; the University as a whole suffers, and in no small degree.

Furthermore, the present system of medical education is costing us many thousands of dollars annually in excess of what would be necessary for the maintenance of a properly organized college of medicine, a situation which we can hardly view with complacency, especially when we recall the fact that because of a lack of funds our Library, by far the most important single element of our organization, ranks far below that of any of the other great universities of the "Middle West" with which we like to be compared.

The responsibility for the continuation of the present status rests entirely with the Trustees and it imposes upon them a task which should no longer be postponed.

As the necessary and, it is hoped, sufficient remedy for these obstructive conditions, your committee offers the following recommendations which, it is believed, make full and generous recognition of whatever may be thought to exist in the nature of vested rights or obligations hitherto assumed for which the University may be thought to be responsible:

(a) That the College of Homeopathic Medicine be discontinued on and after July 1, 1922.

(b) That all buildings, instruments, appliances, and material supplies of all kinds, now the property of the University and occupied or used by said college, be transferred to the jurisdiction of the College of Medicine.

(c) That all students at present enrolled in the College of Homeopathic Medicine shall, upon their individually expressed desire, be registered as students in the College of Medicine, with the grade now held by them in the College of Homeopathic Medicine.

(d) That there be established two additional chairs, elective, in the College of Medicine, one to be known as the chair of Homeopathic Materia Medica and the other as the chair of Homeopathic Practice, the date of such establishment to be from July 1, 1922; and that the President of the University be requested to nominate to the Board of Trustees suitable candidates for these chairs, at his early convenience.

A copy of the "Brief" or statement referred to above is attached hereto.

(Signed) T. C. MENDENHALL
LAWRENCE E. LAYBOURNE

The Chairman stated that Judge McCann dissented from the above report and will present a minority report.

The committee recommended that the consideration of the above report be made the special order of business for 11:30 a. m., Friday, May 26, which recommendation was agreed to.

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The Secretary presented a list of repairs needed in Oxley Hall and also a list of changes necessary due to the construction of Mack Hall and the decision to utilize the kitchen in Oxley Hall for both buildings. Upon motion, the Cabinet was instructed to proceed with such repairs and changes as may be necessary, the cost of same to be paid from the balance remaining to the credit to Oxley Hall.

* * * * *

The President presented several communications requesting that better provision be made for holding the Commencement exercises this year. After some discussion, the matter was referred back to the President with power.

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Upon the recommendation of the President, \$500.00 was appropriated out of next year's funds for the use of Professor C. F. Kelley for the purchase of photographic and other supplies for his department while he is in Europe this summer.

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Upon recommendation, a laboratory deposit of three dollars per quarter was made for Fine Arts 424, the proceeds to be used for the payment of models and a laboratory deposit of three dollars per quarter was authorized for Fine Arts 461, to be used in purchasing the material for this course.

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Upon the recommendation of the President, the allowance for the Journal of Science for the next fiscal year was increased from \$500.00 to \$750.00.

* * * * *

The Secretary presented the following communication from the Department of Auditor of State, which was ordered made a part of the record of this meeting:

May 1, 1922.

The Ohio State University,
Columbus, Ohio.

Gentlemen—The total receipts of the first semiannual settlements of the tax levy of one hundred and twenty-five thousandths of one mill on the grand list of taxable property of the State, as provided in H. B. 325 passed by the Eighty-fourth General Assembly and filed with the Secretary of State May 18, 1921, are \$656,292.03.

As provided in this act 72 percent of this amount or \$472,530.27, has been placed to the credit of the Ohio State University Educational Building Fund. From this amount the \$288,000.00 formerly transferred from the General Revenue is to be deducted, leaving a total available of \$437,402.49.

Very truly yours,

JOSEPH T. TRACY, *State Auditor.*

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Thereupon, the Board adjourned to meet at 11:30 a. m., Friday, May 26, 1922.

Attest:

CARL E. STEEB,

Secretary

JOHN KAISER,

Chairman

OFFICE OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

Columbus, Ohio, May 26, 1922.

The Board of Trustees met at the University at 11:30 a. m., pursuant to adjournment.

Present: John Kaiser, Chairman; T. C. Mendenhall, L. E. Laybourne, O. E. Bradfute, B. F. McCann, C. F. Kettering.

The Secretary presented the following report of the University Architect, which report shows the condition of the building program at the University at this date:

May 25, 1922.

Mr. C. E. Steeb, Secretary,
Board of Trustees.

Dear Sir—The following report is presented giving the present status of building operations and preparation of plans for proposed buildings on the University Campus:

Pomerene Hall—The contractors are at work on the final finishing work which includes carpenter work, varnishing, stair treads, and installation of plumbing fixtures.

Research Building—The finished floors and plumbing fixture installation, which will complete the building, will be finished about June 1, 1922.

Mack Hall—The excavation and concrete foundations are completed. Cut stone work and brick work commenced.

Physics Building—The construction work, including concrete work and brick masonry will be completed this week through two stories.

Brown Hall—Excavation work and concrete foundations completed. Of the cut stone the grade water table is set. The brick work is completed story high for the basement for all interior walls. Delay has been experienced on the exterior brick walls due to the fact that special burned brick was necessary. The firm supplying this brick had to experiment with their product before they were able to match the original Brown Hall brick. The plant furnishing the brick for the original building is no longer in business.

Power House—Excavation work completed which involved considerable extra work due to unsafe condition of the earth. This was referred to in a previous report. The concrete foundations, basement concrete walls and piers, and first floor slab will be finished this week. The structural steel columns, trusses, and girders are being set in place. The work is progressing rapidly.

Animal-husbandry Barns—Excavation, concrete work, and brick work on the Horse Barn is finished and will be on the Dairy-cattle Barn next week. The contractor for the Beef-cattle Barn and Center Pavilion of the Sheep Building has not made satisfactory progress. He was notified May 16th to show progress by the 24th or action would be taken to terminate the contract as stated in the specifications and contract.

Office Work—In addition to the preparation of full-sized details and checking shop drawings for work under construction, the following is a report of new work:

1. Drawings and specifications and estimated cost for the Medical Science Building are finished and ready for approval.

2. Commerce Building construction drawings practically traced. Specifications just started.

3. Administration Building final tracings well under way. Specifications to be prepared.

4. Journalism Building all preliminary drawings completed, satisfactory to Department of Journalism.

5. Printery for Experiment Station, Wooster, Ohio, preliminary work complete and construction drawings under way. The completion of this work will not require much time.

6. General Hospital all preliminary drawings completed and $\frac{1}{8}$ " scale final development ready for the construction drawings. Drafting work on this building in abeyance at present.

Respectfully submitted,

(Signed) JOS. N. BRADFORD.

Upon motion, the report was ordered received and filed.

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Upon the recommendation of the President, the following resignations were accepted and the balances cancelled in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Cancellation
<i>Agricultural Extension</i>				
A. E. Anderson	Assistant County Agent Leader	May 1, 1922	\$4,200.00	
Helen Shanahan	Stenographer	April 30, 1922	960.00	
<i>Homeopathic Hospital</i>				
Wanda Hahn	Night Supervisor	June 1, 1922	840.00	\$ 70.00
*	*	*	*	*

Upon the recommendation of the President, Elizabeth Simons, Bookkeeper at the Homeopathic Hospital, was granted leave of absence for six months without salary, effective May 1, 1922.

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Upon the recommendation of the President, Jacqueline Ullmer was appointed Stenographer in the Bureau of Educational Research at a salary of \$960.00 per annum, effective May 15, 1922.

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The Secretary presented the following recommendations approved by the State Architect and the University Architect concerning the silos required in the construction of the Dairy-cattle Barn and the Beef-cattle Barn:

May 25, 1922.

Mr. C. E. Steeb, Secretary,
Board of Trustees.

Dear Sir—The bids received for the Animal-husbandry Barns called for an alternate bid on seven types of silos. The plans provided for five silos but the departments have

decided that they can get along with three at the present time; two for the Dairy-cattle Barn and one for the Beef-cattle Barn. Of the types quoted on in the alternate bids, it is recommended to the Board of Trustees that an order be given to E. Elford, contractor for the Dairy-cattle Barn for two Indiana Redwood silos at his bid of \$1,600.00 each\$3,200.00.

That an order be given A. K. McCall & Company, contractor for the Beef-cattle Barn for one "Perfect" silo at his bid of \$1,471.00.

Respectfully submitted,

Approved:

Approved:

(Signed) ROBERT S. HARSH,
State Architect and Engineer

(Signed) JOS. N. BRADFORD,
University Architect

Upon motion, \$2,594.00 was transferred from the appropriation for Horse Barn to the appropriation for Dairy-cattle Barn and the extra, as recommended, was awarded to E. Elford for two Indiana Redwood silos at his bid of \$1,600.00 each, total \$3,200.00.

Upon motion, the extra for the Beef-cattle Barn, as recommended, was awarded to A. K. McCall & Company for one "Perfect" silo at his bid of \$1,471.00.

The Secretary was directed to certify said action by this Board of Trustees to the Department of Highways and Public Works, with the request that such extras be approved and authorized by said department.

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The Secretary presented the following recommendations approved by the State Architect and the University Architect concerning certain extras required for the construction of the Chemistry Building:

May 25, 1922.

Mr. C. E. Steeb, Secretary,
Board of Trustees.

Dear Sir—To provide for the installation of wall equipment in the Chemistry Building, Y's were placed at base of the ten wall stacks. The Huffman-Wolfe Company proposed to do this work for the sum of \$28.83.

The above is recommended to the Board of Trustees for their approval.

Yours truly,

Approved:

Approved:

(Signed) ROBERT S. HARSH,
State Architect and Engineer

(Signed) JOS. N. BRADFORD,
University Architect

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May 24, 1922.

Mr. C. E. Steeb, Secretary,
Board of Trustees.

Dear Sir—In installing the heating and ventilating for the new Chemistry Building, it was decided best to substitute a variable speed motor for the constant speed motor specified to drive the fan. The substitution gives more flexibility to the heating system and will make the plant more economical

in its operation. The Huffman-Wolfe Company, contractors for this work, propose to make the substitution as follows:

Variable speed motor.....	\$717.90
Allowance for constant speed motor.....	434.00

Extra for the change.....	\$283.90
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The above is recommended to the Board of Trustees for their approval.

Respectfully submitted,

(Signed) JOS. N. BRADFORD,
University Architect.

Upon motion, the two extras recommended above were authorized and approved and the Secretary was directed to certify said action by the Board of Trustees to the Department of Highways and Public Works, with the request that such extras be approved and authorized by said department.

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The Secretary presented the following recommendations approved by the State Architect and the University Architect concerning certain extras required for the construction of Brown Hall:

May 25, 1922.

Mr. C. E. Steeb, Secretary,
Board of Trustees.

Dear Sir—Since the addition to Brown Hall has been under contract and construction work commenced, the Department of Engineering Drawing requested the following changes (May 18, 1922) in the second and third stories, which will be occupied by this department. The changes are indicated on the accompanying sketches, prepared by the Department of Engineering Drawing:

1. After a restudy and some investigation of the artificial lighting layout for drafting rooms, they desire a change from overhead, general illumination to floor outlets for individual drafting table lighting. Estimated cost..... \$ 650.00
2. Change one partition on the third floor and add two doors. Estimated cost..... 50.00
3. Add plumbing outlets for three additional lavatories in drafting rooms. Estimated cost.... 100.00
4. Revise the floor construction for the second floor to admit of the double set of conduits in second floor. Estimated cost..... 200.00

Total.....	\$1,000.00
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The above request of the Engineering Drawing Department is recommended to the Board of Trustees for their approval.

Respectfully submitted,

Approved:

(Signed) ROBERT S. HARSH,
State Architect and Engineer

Approved:

(Signed) JOS. N. BRADFORD,
University Architect

Upon motion, \$1,000.00 was transferred from the Reserve Building Fund to the appropriation for Brown Hall and the changes and

extras as recommended above were approved. The Secretary was directed to certify said action by this Board of Trustees to the Department of Highways and Public Works, with the request that such extras be approved and authorized by said department.

The Secretary presented a communication from Professor Raymond C. Osburn concerning the purchase of Lot No. 42, Peach Point Subdivision, South Bass, Ohio, as a site for the Lake Laboratory.

Upon motion, the Secretary was authorized and directed to look into the possibilities of purchasing said lot and to make report thereon to the Board of Trustees at a future meeting.

Upon the recommendation of C. T. Morris, Engineer, it was unanimously agreed to extend the time of the completion of the contract of N. R. Porterfield for the University Bridge from July 15, 1922, to August 15, 1922.

Dr. Mendenhall reported that, in accordance with instructions received from the Board of Trustees at the meeting held March 8, 1922, the special committee on buildings had selected Mr. Welles Bosworth, Architect, of New York City, to make a general study of the whole building program in its relation to the general campus plan, with special emphasis on the design of the proposed buildings. Dr. Mendenhall reported further that Mr. Bosworth had visited the campus and, with the committee, made a careful study of all points as outlined above, and for this service, extending from March 14 to May 3, 1922, Mr. Bosworth has presented his bill for \$853.82 in full payment of all services rendered. Upon motion, this bill was ordered paid from the interest on Endowment Fund.

The President read to the Board a petition requesting the creation of a separate department of Physical Education for Women. Upon motion, this petition was referred back to the President for consideration and report at a future meeting of the Board. It was also agreed to defer action on the budget for Physical Education until after a conclusion is reached on the above matter.

Upon motion, the President was directed to present to the Board of Trustees at its next meeting his definite recommendations regarding the continuation of the proposed river improvement.

Dr. Mendenhall offered the following motion, that the Board of Trustees express its approval of the last portrait of President Thompson as painted by Mr. Hawthorne. The motion was lost.

The Secretary presented a request from the Dean of the College of Engineering and the acting Superintendent of the United States Bureau of Mines requesting permission to tear down a large kiln in Lord Hall. This request was referred to the President for examination and report.

Judge McCann, of the special committee appointed to make an investigation of the situation regarding Medical Education in the University, submitted the following minority report:

MEDICAL EDUCATION AT OHIO STATE UNIVERSITY

To the Board of Trustees:

The third member of your committee heretofore appointed to make, in co-operation with the President of the University, a thorough and complete investigation of the whole situation regarding medical instruction in the University, finds himself unable to agree with the recommendations of the other two members of the committee, and, therefore, respectfully submits this, his minority report:

We find in the University, a College of Medicine, technically described as the Allopathic or Regular School of Medicine, with a faculty of more than eighty professors, and instructors, all of that same school, operating on a salary budget of \$105,640.00 for the year 1920-1921. Its hospital facilities are good and well manned. It is presided over by Dr. Eugene F. McCampbell as dean, and offers the full four-years course in its curriculum. It is the successor of the Starling-Ohio Medical College and its predecessors, with an alumni body of more than three thousand, and connects up through its faculty with the Ohio State Medical Association as its State organization, and with the American Medical Association as its National organization.

This college occupies the buildings formerly used by the Starling-Ohio Medical College, consisting of a large four-story building and basement on Park Street, with a frontage of 94 feet and a depth of 150 feet, which furnishes ample facilities for the numerous laboratories, teaching rooms, medical and dental dispensaries, and administration offices of the college. It also occupies its State Street buildings, covering a quarter of a square on the corner of State and Sixth Streets, known as St. Francis Hospital, etc. Its excellent clinical facilities are obtained from this hospital, the Protestant Hospital, the Children's Hospital, the Columbus State Hospital for the Insane, and the Friends Rescue Home—rights and privileges inherited from its predecessor and all outside the College Campus. It has a student body of 205.

Its requirements for admission comply with the laws of Ohio, the demands of the Federated State Medical Boards, the American Medical Association, and the rules of the University. Large plans for future growth are in the making. Upon request of President Thompson, acting for the Board of Trustees, the last Legislature voted \$550,000.00 for new buildings and equipment for this college, and its prospects for future growth seem bright.

We find in the University also a College of Homeopathic Medicine, with a faculty of six professors, one instructor, and various lecturers and assistants, operating on a salary budget of \$27,200.00, and with a well-equipped Homeopathic Hospital on the Campus, thoroughly manned by officers and nurses, on a salary budget of \$11,070.00. Dr. Claude A. Burrett presides over this college as dean. Instruction in the preclinical branches, such as Anatomy, Physiology, Biology, Bacteriology, and Chemistry, is given by the same persons for both colleges—many of whom were professors teaching

these subjects in the University when the Medical Colleges were admitted.

It likewise offers a four-year course in its curriculum, and its requirements for admission comply with the laws of Ohio, the demands of the Federated State Medical Boards, the American Institute of Homeopathy, and the rules of the University. It has a student body of 58. It operates its hospital on the Campus, containing 120 beds, and treats over 5,000 patients a year therein. Its experimental work in research has attracted the attention of the medical world, and it is about to enter its new Laboratory Building, which when completed, will compare favorably with any other building of its kind in the world. It has its Maternity Ward in the University Barracks Hospital, its children's ward in the old Hospital Building, and access to the State Hospital for Insane, all of which furnish good clinical facilities to its students.

This college also connects through its faculty with the Homeopathic State Medical Society and through that with the American Institute of Homeopathy, the oldest National Medical Society in existence.

Both colleges came into the University at practically the same time. The records disclose the following: The Act authorizing the establishment of the college as enacted by the Legislature, was approved by Governor Cox on May 3, 1913. On May 12, 1913, the Starling-Ohio Medical College, made a written proposition to transfer and convey all its property to the University. Various other conferences between the representatives of the two colleges and the Board of Trustees took place in the summer and fall of 1913, but the first definite action looking toward the entrance of the colleges with the University, was taken at the meeting of the Board of Trustees on January 27, 1914, when President Thompson submitted the following recommendations:

"1. I recommend that the Trustees accept the proposal made by Starling-Ohio Trustees and proceed with the necessary steps to acquire the property and to succeed to the ownership and management of the Starling-Ohio Medical College.

"2. I recommend that the Trustees express their willingness to operate a homeopathic college, or department, but before setting out on this proposal, make further investigation as to whether the work should be continued in Cleveland, and whether in either case the indebtedness could be provided for.

"3. I recommend that an appropriation of \$25,000.00 be asked from the Legislature for medical education, including repairs to property, but that the taking over of the property be not conditioned upon the granting of the appropriation."

In response to this Mr. Mallon offered the following resolution which was unanimously adopted:

"First, That pursuant to an Act of the Legislature of Ohio, passed April 18, 1913 (O. L. 103, P. 344), a college of medicine and a college of dentistry be established at the Ohio State University.

"Second, That the proposition of the Board of Trustees of the Starling-Ohio Medical College, submitted to the Board

of Trustees of the Ohio State University, under date of January 10, 1913, supplemented by the proposition of the Trustees of the said Starling-Ohio Medical College, dated January 27, 1914, be accepted, provided that the title to said property is acceptable to the Board of Trustees of the Ohio State University, and to this end a committee of three shall be appointed to take steps to execute the required papers and to examine and pass upon the muniments of title necessary to the carrying out of this resolution.

"Third, The Board of Trustees of the Ohio State University desires to go on record as likewise willing to establish a homeopathic department to said college, provided the property inducements offered by the Homeopathic School of Medicine are satisfactory to this Board, and it is ordered that the investigation as to the property of the Cleveland-Pulte Medical College, Cleveland, Ohio, be continued."

At the meeting of the Trustees on March 19, 1914, the following proposal was received from the Cleveland-Pulte Medical College, and same was referred for future consideration, to-wit:

"To Dr. W. O. Thompson,
President Ohio State University, and Board of
Trustees of said University, Columbus, Ohio.

"Gentlemen—The Board of Trustees of the Cleveland-Pulte Medical College desires to submit to you the following proposition:

"The Trustees of the Cleveland-Pulte Medical College of Cleveland, Ohio, hereby tender to the Trustees of the Ohio State University of Columbus, Ohio, the following:

- "(1) Our student body.
- "(2) Our laboratory and anatomical equipment, an inventory of which is hereto attached and marked Exhibit 'A.'
- "(3) Our library of eighteen hundred volumes.
- "(4) Our equity in the Huron Road property, Cleveland, Ohio, which we estimate to be worth \$30,000.00. We to sell the property at the earliest opportunity and turn the proceeds in cash over to said Board of Trustees of Ohio State University.

"Said property is to be turned over to the said Board of Trustees of Ohio State University on the following conditions:

"(1) That it establish and maintain a Homeopathic Department in the College of Medicine of the Ohio State University, embracing a Homeopathic Dean and such professorships as the Dean and the President of the University may deem necessary.

"(2) That it establish and maintain a Homeopathic Hospital.

"(3) That the Board of Trustees of the Ohio State University shall accept the students now in attendance in the Cleveland-Pulte Medical College, with rank and standing as certified by the proper officers of the Cleveland-Pulte Medical College and take such steps as may be necessary to protect the professional rights of the alumni of said college and their predecessors and shall receive from it and preserve such papers and records as may be necessary for that purpose.

"We urge:

"(a) That the premedical branches be taught by the University as now constituted.

"(b) That the college and hospital be established on the campus of the Ohio State University as soon as possible.

"(c) That the hospital be made a hospital for the State of Ohio.

"Should your Board accept the above proposition, we can guarantee you the undivided support of the homeopathic profession in Cleveland and in the State of Ohio, and the loyal support of all the living alumni of this college.

"It is understood that the President and Board of Trustees of the University are to have the selection and control of the entire faculty of this department, if established.

"BOARD OF TRUSTEES OF CLEVELAND-PULTE MEDICAL COLLEGE

"By C. E. SAWYER

R. C. KEISER

Special Committee duly authorized herein."

On May 26, 1914, the Board of Trustees adopted the following resolution:

"*Resolved*, That the Board of Trustees of the Ohio State University, pursuant to the resolution adopted January 27, 1914, now declares that the time has arrived for the establishment of a College of Homeopathic Medicine in the University, and that the Board proceed to open the facilities for instruction next September, subject to the means available for such purpose."

The President was instructed to invite Dr. Hinsdale, Dean of the College of Homeopathic Medicine at the University of Michigan, and Dr. Frank Wood of Columbia University, New York, to meet with the Board to discuss the future policies for the Colleges of Medicine.

We find that there were numerous conferences between the officials of the University, on the one hand, and those representing the interests of the two schools of medicine, on the other. Dr. Means of Columbus, Dr. N. P. Colwell, Secretary of the Council on Medical Education of the American Medical Association, and Dr. Frank Wood of New York, among others, representing the Regular School, and Dr. Hinsdale of Ann Arbor and Dr. C. E. Sawyer of Marion, Ohio, among others, representing the Homeopathic School.

Suffice it to say, that out of all these conferences, the Board of Trustees of the University, acting in absolute good faith, accepted the proposals of the two schools and established them as a part of the University, beginning with the opening of the school year in the fall of 1914. The question of the merger of the two colleges was considered at that time and decided to be impracticable.

It should be stated that the Starling-Ohio Medical College, the mother of the present College of Medicine, was itself a conglomeration of the old Starling Medical College, the Columbus Medical College, and the Ohio Medical University.

We find that Dr. Means was made the Acting Dean of the College of Medicine, and that most of the faculty of the

Starling-Ohio Medical College were transferred to the new college, and that it inherited all the jealousies and strife that had attended the attempted impossible combination of the varied interests of its predecessors.

The President of the University and its Board of Trustees met the situation with good grace, selected as Dean a young man, Dr. E. F. McCampbell, free from entangling alliances, who continues the present worthy dean of the college, and instructed him to reorganize his faculty to the best advantage possible, and from that day to this they have given him hearty and sympathetic support. It may be said without fear of contradiction that if the College of Medicine has not measured up to what it should, any failure on its part, is chargeable not to any lack of support by Trustees or administrative officers of the University, not to the presence of the Homeopathic College of Medicine, but to the lack of sympathetic support and to the open opposition of the physicians of its own School of Medicine. The dean has had an herculean task to overcome the difficulties thus occasioned. We find no friction with the University authorities nor with the Homeopathic College of Medicine.

We find, also, that those representing the homeopathic interests, fulfilled every promise made to the Board of Trustees; that the faculty of the Cleveland-Pulte Medical College resigned all right to follow into the new college of the University; that the homeopathic fraternity, upon request, assisted the President in the selection of a new dean and the various members of his faculty; that under Dean Burrett's management, harmony has at all times prevailed, and he and his faculty have won the respect and confidence of all with whom they have come in contact. The homeopathic physicians and their friends have given valiant aid and support to the college from its inception. Its record speaks for itself. It has worked through these seven years in friendly healthy competition with its rival college. Its dean and faculty have proved both competent and courteous, harmonious among themselves and with every other University interest. Professionally they have been a credit to the University. Their work, whether instructional, professional, or in the line of research, has added to rather than detracted from the reputation of the University. The discoveries made by Dr. Hinsdale of remedies for the treatment of burns, pneumonia, and diphtheria, would alone justify the existence of the college and the expenditure of every cent it has cost. But, financially, the college has been an asset to the State of Ohio, instead of a liability.

For the years 1914-1921 inclusive, its expenditures were as follows:

College Budget.....	\$136,569.02
University Hospital Budget.....	237,296.08
Total Expenditures.....	\$373,865.10

List of cash receipts in the way of gifts and income:

American Institute of Homeopathy.....	\$ 400.00
Homeopathic Medical Society of Ohio.....	5,000.00
Columbus Homeopathic Hospital Association..	1,000.00

Dr. T. A. McCann.....	500.00
Cleveland-Pulte Medical College.....	30,000.00
C. F. Kettering and E. A. Deeds.....	10,500.00
C. F. Kettering.....	5,000.00
F. P. Beaver.....	5,000.00
Matilda K. Compton.....	50.00
C. F. Kettering, General Motors Stock.....	200,000.00
C. F. Kettering, Dividends and Bonus Stock..	25,000.00
Students' Fees.....	26,381.92
Radium, 60 mg.....	7,200.00
Hospital Clinics.....	130,383.10

Total Cash Receipts.....	\$446,415.02
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To this might be added a large amount of equipment from the Cleveland-Pulte Medical College, consisting of furniture, microscopes, other laboratory equipment, and 1800 volumes of valuable medical works.

To this may still be justly added charity work performed for the State in the University Hospital in the sum of \$42,031.00, for which not one cent was received.

The student attendance of both colleges was affected by the war—as was every other department of the University—the Law College losing its entire student body, but both of them are recuperating nicely at this time.

From whence then come the complaints as to the existence of the two colleges. From the taxpayers who so willingly supply the University with funds? *Not one.* From the members of the Legislature who, at the request of our President, vote him almost whatever amount he asks for the University? *Not one.* From the students or faculties of either of the medical colleges in question? *Not one.* From the members of the University faculty or any of the administrative officers? *Not one.*

Whence then the complaints?—From the American Medical Association. Who is this association that is interested in our affairs? It is the National Organization of the Regular School of Medicine. It represents that sect only. It is not representative of the entire profession, as is the American College of Surgeons, or the American Bar Association. It has its rivals in the national organizations of other schools. Its aims are partisan and its methods political. It won a place in history as an organization, composed of physicians of the Allopathic or Regular School of Medicine, none of whose members, for many years under its rules, dared even consult with a physician who was not a Regular. No surgeon however skillful, could perform an operation in a hospital controlled by them, unless he was a Regular. It took the rebellion of the New York County Medical Association in 1882 to break the rule, and it took the rebels 21 years to win their fight. The spirit of the old order is still alive within the organization, and to be anything but a Regular in the eyes of most of them, is to sit without the pale of respectability. Their recent treatment of the famous Austrian Surgeon, Dr. Lorenz, is a fair illustration of that spirit.

As a Board of Trustees, we know the American Medical Association chiefly through our experience with its representative, Dr. N. P. Colwell, Secretary of the Council on Medical Education. His misrepresentation of the facts connected with the Starling-Ohio Medical College when it was

seeking admission to the University, is still fresh in our minds. His perennial misrepresentations of conditions at the University have not won our respect. His cornering of the Dean of the College of Medicine at Chicago last summer and, under threat of reducing the classifications of his college, compelling the sending of a telegram to this Board of Trustees, of which both the Dean and the Secretary should have been ashamed, merits only our contempt.

If N. P. Colwell represents the spirit of the American Medical Association, why be disturbed by a complaint from that source? It classified colleges, to be sure—what of it? The Examining Boards of the States of New York, Pennsylvania, Illinois, and Ohio refuse longer to recognize such classifications, and the time is close at hand when the boards of every state will have asserted their independence.

Complaint No. 2—From the Carnegie Foundation of Education. An echo of the American Medical Association. This Board of Trustees became acquainted with the Carnegie Foundation through its President, Mr. Pritchett, who in 1914 wrote an extended criticism of conditions in Ohio State University, and made a scurrilous attack upon the motives of the President and Trustees of the institution, upon information obtained in Chicago, without ever having seen or met one of the men whose character he was assailing; and without a personal knowledge of the conditions of which he was complaining. It will be recalled that he was afterward invited to meet the Trustees at the University, accepted the invitation, and expressed great surprise to find that they were reputable business and professional men and not mere politicians as he had supposed. With its representative and spokesman lacking in the first principles of decency and common honesty, why should we be disturbed about the criticism of the Carnegie Foundation of Education? Mr. Pritchett probably knows as little about medicine and the various schools of medicine as he did formerly about the principles of Endowment Insurance. Such, we believe, to be the outstanding facts in reference to Medical Education at this time.

The report itself filed herein by the majority of the committee members is brief, but it has attached to it as a part of it the lengthy and learned brief of the chairman of the committee, on which this report is based. Reference is also made to a former discussion of the questions involved, filed by the same gentleman upon the acceptance of the Kettering gift.

Any discussion of the merger question, therefore, by the minority member of the committee, may necessarily have to look beyond the brief report of the majority. Four reasons are stated for urging the merger.

No. 1.—It is said that our fault lies in the maintenance of two separate and distinct colleges of medicine, radically differing in their conception of the nature of the science—a position absurd and indefensible, saying—why not have two Colleges of Engineering?

An examination of the University Catalogue is interesting and enlightening. It reveals in the University a so-called College of Engineering. It is in truth and in fact a

Department of Engineering, in which they turn out Civil Engineers from one school, Mining Engineers from another school, Ceramic Engineers from a third school, Electrical Engineers from a fourth school, Architectural Engineers from a fifth school, Mechanical Engineers from a sixth school, and Astronomical Engineers from a seventh school. In some way they let escape the Agricultural Engineers from this department, and they may be found in the Agricultural Department. Each of these so-called schools is well supplied with its own professors, assistant professors, instructors, etc. In this Department of Engineering appears also a line of basic pre-engineering studies, such as Mathematics, Physics, Chemistry, Drawing, etc., common to all the schools. Does that situation seem illogical and absurd?

How much more absurd and illogical is it to say that in the University we have a Department of Medicine. It has its basic preclinical studies such as Anatomy, Physiology, Chemistry, Biology, Bacteriology, etc., and it has its Schools of Allopathic Medicine and of Homeopathic Medicine. This is the situation in fact in Medical Education in the University today. Wherein does it differ materially from that in Engineering Education?

No. 2.—It is said that because of our dual organization, our efforts to develop a strong School of Medicine, comparable in character and standing with other departments of the University, have been unavailing, and in the opinion of the authorized representatives of the great body of the medical profession must continue to be so, as long as existing conditions are maintained.

That is the opinion of the representatives of the Regular or Allopathic School of Medicine and of none other. That is the only reason given by Colwell, Pritchett and Company for urging the merger. They dare not give the real reason, of which they are well informed, to-wit, that it means the eradication of the study of medicine along homeopathic lines and the elimination of homeopathic students wherever the merger takes place. Evidence of this latter fact is at hand in the Universities of California, Minnesota, and Iowa, where the same method now suggested in Ohio was pursued.

But will the dual organization prevent the development? Will not a healthy competition assist rather than retard same? The University of Michigan flourished in the presence of the Homeopathic School, as one of the largest Regular Schools in the country. We venture to prophecy that, let alone for a period of ten years, the Colleges of Medicine will cause the other departments of the University to be proud of their achievements.

No. 3.—It is said that not only is the rank and reputation of the College of Medicine imperilled thereby, but that the University as a whole suffers, and in no small degree.

The answer is that the only future danger to the College of Medicine is from the friends it claims. Its homeopathic rival has always extended its good will and asks nothing more in return. The reputation of the University, we think, should cause us no anxiety, based upon the presence of these two schools.

No. 4.—It is said that the present system of Medical Education is costing the University many thousands of dollars unnecessarily.

We have no proof of this. The Homeopathic College, as the figures heretofore given amply show, is an asset and not a liability, and our confidence in the success of the Allopathic College when once it is planted on the campus, is abiding. The Ohio State University owes little to the American Medical Association, or to the Carnegie Foundation of Education, and asks less. The people of the State of Ohio will back up the University in its every honest endeavor.

What, if any, are the reasons against the proposed merger?

First—It is impracticable.

The original discussions in the Board of Trustees with reference to the admission of the Colleges of Medicine into the University, covered many months and endless conferences with representatives of both schools. We believe we are correct in stating that some members of the Board at that time hoped that a merger of the two colleges might be accomplished. The early resolutions should indicate that, but at the close of the conferences it was decided that such a merger was both impracticable and impossible—and the two schools were admitted on an equal footing.

It is all right to talk of establishing a College of Scientific Medicine out of all the schools, and leave off all their distinguishing nomenclature. That is ideal but not practical, especially when it is proposed to deliver all other interests bodily into the hands of one sect. The College of Medicine is an Allopathic College of Medicine—nothing more. The Millennium is promised but it has not arrived. We have to take men as they are and not as we wish they were. The most human individual in the world is the college professor and the most human of them is the teaching doctor. In other words, we have in the University a School of Medicine whose devotees were born and bred in the Regular School. They were taught the Allopathic beliefs in their childhood, they practiced them in their young manhood, and they have been teaching them in their mature years. A cornerstone of their belief and practice was that a Homeopathic physician was a fool, his medicine a fake, and his professional beliefs were only dogma unworthy of recognition by thinking men. You might as well try to make Methodist converts out of all our well-trained Catholic children as to interest such a one in Homeopathy. On the other hand, we have a School of Medicine whose devotees look back over a century of experimentation with drugs and their influence upon human disease. They regard the practitioner of the Regular School, with its background of bleedings, blisterings, emetics, and physics, as unscientific in principle and barbarous and inhuman in practice. Need further proof of impracticability be suggested?

To illustrate further, however.—Assume that the pre-clinical subjects are the same for both schools; that the mechanical part of surgery and obstetrics is the same; that the difference as alleged between the schools, in the appli-

cation of drugs to human disease, exists, and that the merger is made on the basis proposed of the two chairs of *Materia Medica* and Practice to the Homeopathic School and all the other chairs to the Regular School, how many students who want to become Homeopathic physicians will attend that school? Not one. The treatment of the patient after a surgical operation or a case of childbirth, is more important than the operation itself. How will a student learn from the score of unbelievers in Homeopathy, what he must know to take care of his case along homeopathic lines? *Impracticable—Impossible.*

If the teaching and practice of Homeopathy ought not to live, we should be brave enough to kill it outright and not attempt its demise by strangulation.

If it ought to live, and the merger seems advisable, as the Homeopathic School teaches everything that the Regular School teaches in Medical Education, and in addition thereto teaches the scientific application of drugs to human disease, why not select two chairs of the Allopathic School, and leave the Homeopathic School undisturbed? Would that be practicable?

If Ohio has a strong college for the Regular School at Western Reserve and another at Cincinnati, and there is honest doubt in the minds of the physicians of that school in the State as to the necessity for a third college at Columbus, may not the Board of Trustees wisely accept that situation and merge the Allopathic School into the Homeopathic School on the basis suggested in the majority report?

In our own mind we are convinced that to combine them under existing conditions, means to eliminate the one or the other. Oil and water refuse to stay mixed. The two schools have had a beneficent influence, each upon the other as rivals. Why not leave them thus in healthy competition? Who shall determine which one is more truly scientific, the American Medical Association, or the American Institute of Homeopathy? Dr. Mendenhall or B. F. McCann?

Second—It is unfair to the Homeopathic physicians and their friends who turned over their property to the University, relying solely upon the honesty of its President and Board of Trustees. If there be no legal obligation to carry out the purpose of the donors, the moral obligation becomes all the stronger. Add to the generosity of the donors, the keeping of their every promise, and the sustained interest of the entire Homeopathic medical fraternity of the State, manifested in the sending of students, in the patronage of their hospital and in securing large gifts from their friends for the benefit of this college, and that moral obligation to keep faith with them, becomes a binding pledge. This Board will not regard its moral obligation lightly.

Third—It is unfair to those citizens of Ohio who desire the services of a Homeopathic physician. Upon a careful survey of Ohio, it is estimated that 33 1-3 percent of its population employ Homeopathic physicians, and that those employing this service represent a very much larger proportion of the taxable wealth of the State. Many of the large manufacturing plants of the State demand the services

of Homeopathic physicians for their medical work in connection with their employees. These employers, physicians, and patients alike throughout the State, are entitled to the professional skill and other benefits, such as the treatment by radium, now obtainable at the Homeopathic Hospital at Columbus, administered by Homeopathic hands.

More than that, through their support of the University, they have a right to expect from it the education and training of physicians in whose methods of treatment they have confidence. It is manifestly unfair to them for us as Trustees to listen to the partisan demand of the Regular School of Medicine to drive the Homeopathic College out of the institution.

Fourth—It is unfair to the students now enrolled in the Homeopathic College at the University.

To close up that college on July 1, 1922, as proposed, without previous notice, and deliver them into the hands of teachers who are not only not in sympathy with, but are violently opposed to, the line of study they have been pursuing, means to force them out of the University to complete their course elsewhere, or to drive them into the Regular School of Medicine, with which they have no sympathy. They are certainly entitled to the privilege of completing their course in the study of Homeopathy.

We come now to the consideration of the important question concerning Homeopathy. Is it a fake, based on mere dogma or arbitrary dictum? If so, the Homeopathic College ought to die, and the quicker the better. There should be no compromises in the matter. If, on the other hand, it embraces a scientific method of procedure, then the Homeopathic College deserves hearty support and fair and just treatment.

Out of the centuries there have arisen many sects in medicine, as well as in religion. Many of them seize upon a single truth and follow that without regard to any other. It will probably be conceded, however, that within the period embracing a little more than the last century, there stands out in the foreground of medical history, two prominent schools, the Allopathic or Regular, and the Homeopathic. We do not wish to review the method used by the savage, who learned instinctively to make use of the things about him, such as water, moist earth, portions of plants, to alleviate his sufferings, and out of experience framed a law for specific cures. We are not interested in the ancient hypothesis that disease is a punishment sent by some malevolent deity, or that it is chargeable to a comet, or earthquake, or some other phenomenon, celestial or terrestrial.

Nor in thinking of these two Schools of Medicine, do we care to discuss their points of similarity. Their differences, chief of which lies in the realm of Therapeutics, are what demand attention.

As laymen, may we not ask the distinguished representatives of these schools to speak to us on that question? The celebrated William Osler, representing the Regular School, says, (1922 Edition *Americana*, Vol. 18, Page 578):

"It may be said that the greatest revolution in the century, or at any rate the last half of it, is in the position

assigned to drugs. At the outset the old faith in bleeding still held great sway: Boerhaave himself had made almost the whole art of medicine consist in its proper application, and at the end of the eighteenth century Washington had been sacrificed to it. But by the middle of the century it began to diminish. Both the homeopathic and the regular schools based their practice, and many still base it, on the study and administration of drugs. They differ in the size and strength of doses, from huge boluses or powders or draughts whose efficacy was supposed to be in proportion to their nauseousness, to small bland triturations or dilutions; but not in the assumption that in them lay the one efficient method of dealing with disease.

"The advanced school of the present does not discard medicines; so far from it, it studies them with more care than ever, and values a few, well tried and certain of quality and action, as highly as ever. It knows the mass of current medicines to be inert or worse, uncertain of action and applied to human functions of still more uncertain action; but it seeks to study thoroughly and apply scientifically the few real medicines or healing agents which must be used—quinine and digitalis and opium, iron and mercury and iodide of potassium, etc.—instead of a swarm of dubious and varying materials.

"But the new school does not feel itself under obligation to give any medicines whatever, while a generation ago not only could few physicians have held their practice unless they did, but few would have thought it safe or scientific. Of course there are still many cases where the patient or the patient's friends must be humored by administering medicine or alleged medicine where it is not really needed, and indeed often where the buoyancy of mind which is the real curative agent can only be created by making him wait hopefully for the expected action of medicine, and some physicians still cannot unlearn their old training. But the change is great. The modern treatment of disease relies very greatly on the old so-called "natural" methods, diet and exercise, bathing and massage—in other words, giving the natural forces the fullest scope by easy and thorough nutrition, increased by flow of blood and removal of obstructions to the excretory systems or the circulation in the tissue. One notable example is typhoid fever. At the outset of the Nineteenth Century it was treated with "remedies" of the extremest violence—bleeding and blistering, vomiting and purging, and the administration of antimony and mercury and plenty of other heroic remedies. Now the patient is bathed and nursed and carefully tended, but rarely given medicine. This is the result partly of the remarkable experiments of the Paris and Vienna schools into the action of drugs, which have shaken the stoutest faiths; and partly of the constant and reproachful object lesson of homeopathy. No regular physician would ever admit that the homeopathic preparations, "infinitesimals" could do any good as direct curative agents, and yet it was perfectly certain that homeopaths lost no more of their patients than others. There was but one con-

clusion to draw—that most drugs had no effect whatever on the disease for which they were administered.”

Dr. H. C. Wood, a celebrated Professor of *Materia Medica* and *Therapeutics* in the University of Pennsylvania, and author of a work on *Therapeutics* which went through nine editions, gave the following observations:

“Experience is the mother of invention. Verily she has been in medicine rather a blind leader of the blind; and the history of medical progress is a history of men groping in the darkness, finding seeming germs of truth, one after another, only in a few minutes to cast each back to vast heaps of forgotten baubles, that also in their day had also been mistaken for verities.

“In the past there is scarcely a conceivable absurdity that men have not tested by experience, and for a time found to be the thing desired.

“Narrowing our gaze to the regular profession, and to a few decades, what do we see? Experience teaching that not to bleed a man suffering from pneumonia is to consign him to an unopened grave; and experience teaching that to bleed a man suffering from pneumonia is to consign him to a grave never opened by nature.

“Looking at the revolutions and contradictions of the past—listening to the *Therapeutics* babble of the present—is it a wonder that men should take refuge in nihilism, and like lotus-eaters, dream that all alike is folly? That rest and quiet calm are the only human fruition.

“In spite of Dr. Niemeyer’s assertion that experiments made with medicaments upon the lower animals, or upon healthy human beings, have, as yet, been no direct service to our means of treating disease, and that a continuation of such experiments gives no prospect of such service, it is certain that these experiments are the only rational scientific groundwork for the treatment of disease.”

Oliver T. Osborn, Professor of *Therapeutics* at Yale, says: “You may know me already by reputation as a Nihilist of all fool drugs and preparations in the *Pharmacopoea*.”

Our own brilliant Dr. J. F. Baldwin, in his address before the Ohio State Medical Association in June, 1920, says: “An exceedingly weak point in our profession is its possession of such an enormous array of useless drugs as presented in our *Pharmacopoea*. No thinking observer can look over the pages of that book without being amazed at the credulity of a profession that tolerates such a farrago of nonsense—such a hodgepodge of trash.” He also quotes approvingly, Franklin’s celebrated remark, “He is the best doctor who knows the worthlessness of the most medicines.”

That the address struck a popular chord in the profession was evidenced by many hearty words of approval, of which a few are quoted:

“Everything you say has my heartiest approval.”

FRANCIS CARTER WOOD, M.D., *New York*.

“I have read your address with very great interest, . . . I entirely agree with everything you say.

HUGH CABOT, M.D., *Ann Arbor, Mich.*

"I have read your paper with interest and would say by all means publish it."

E. E. MONTGOMERY, M.D., *Philadelphia.*

The above are quotations of prominent physicians of the Regular School and show the Nihilistic condition of mind possessing them on the question of the administration of drugs. Has science led them thither?

It should be said that in recent years the Regular School of Medicine has won enduring credit for its work in the realm of preventive medicine and in the practice of scientific surgery. Its work in Sanitation also is monumental. The development of the work based on Bacteriology has had a remarkable influence in the prevention of disease, but the interesting fact connected therewith is that the development of the remedies for prevention such as the use of the various serums and vaccines, and of salvarsan in Syphilis, establishes beyond a peradventure the law of similars—one of the foundation stones of the Homeopathic Therapeutics.

It is evident that the old school physician has absorbed enough of Homeopathy to make him very effective in the prevention of disease, but in the application of drugs to the curing of disease when once it has seized upon its victim, he is a novice in comparison to his homeopathic brother. Homeopaths believe that medicine, if properly selected, will cure diseases.

The position of the Homeopathic School is well stated by Dr. Pemberton Dudley, late professor of Institutes of Medicine, Hahnemann Medical College, Philadelphia.—(1922 Edition Americana, p. 345.)

"Hahnemann and his disciples claim that in the discovery of Homeopathy as a general principle of organized science, and in its conception and development as a system of medicine, assumption, speculation, and hypothesis have had no place; but that observation, experimentation, and inductive classification constitute the scientific and solid foundation of fact upon which it rests. They assert that all its essential doctrines are susceptible of demonstration—that they have been verified and reverified times without number, and that for the first time in the history of intellectual development the establishment of the homeopathic principle showed that the Baconian method of research is as applicable in the realm of therapeutics as in any other department of scientific investigation. If we look over the records of the processes leading to its discovery, it appears that these processes were under the guidance of the following principles of scientific philosophy, all of which are distinctly set forth by Hahnemann in his 'Organon': (1) That in the study of disease with a view to its cure, the only safe dependence is upon the manifestations (symptoms) perceptible to the senses, and that no safe conclusions can be drawn from mere theories erected upon these signs and symptoms. The signs and symptoms constitute the only side of the disease that is turned toward the physician, and the totality of these signs furnishes the only true expression or portrait of the disease; (2) that the specifically curative power of a drug resides not in its physical, nor yet in its chemical properties, but in

its capacity to produce changes in the functions of the organism; (3) that the dynamic properties of a drug—in other words, its power to specifically cure disease—can be ascertained only by observing the signs and symptoms which it can produce in the organism, and that these specifically curative properties cannot be inferred from the physical or chemical properties of the drug substance; (4) that experiments for the purpose of ascertaining the pathogenetic properties (signs and symptoms) of drugs must be conducted under the precautions necessary in other researches; and the tests must be repeated and varied with a view to eliminating every influence and agency that can vitiate the experiment. The drug experimented with, and the person experimented upon, must both be 'standard.' That is, the drug must be pure and unmixed with any other substance capable of disguising, modifying, or otherwise affecting its own specific activity, and the person experimented upon (prover) must be possessed of good health, and free from any unhealthful occupation or habit, and from any mental, moral, or other influence or agent that modify the pure effects of the drug upon his organism. Also, that the experimentation with the drug must be continued until its whole pathogenetic effect has been elicited; (5) that the observations made from such experiments as those here indicated constitute the only source of a pure and 'standard' *materia medica*, and supply the only material from which general therapeutic principles can be discovered or deduced; (6) that effects observed from the action of a drug upon diseased persons (clinical effects) or those obtained from a combination of drugs (polypharmacy) are not 'standard' effects and cannot serve as reliable guides in a search for therapeutic principles."

That has stood the test for more than one hundred years and is producing results today. Homeopathy has kept pace with modern science. Her physicians have long since made use of the principle of the selective affinity of drugs for certain tissues of the human body, and the great scientific chemists are today demonstrating the whys and wherefores.

That ideal phrase "Scientific Medicine," is painted on the billboards of our imagination. We have believed that "Science is knowledge gained and verified by exact observation and correct thinking."

From the facts presented, which School of Medicine would the untutored layman say was *Scientific* in its method of healing the sick—the one which confessedly flounders about with little confidence in any drug, or the one which works under well-defined laws, deduced from long and patient experimentation?

In thinking along scientific lines, we wonder whether we do not sometimes lose sight of the practical.

Carpentier knew a great deal about the science of boxing, but Dempsey gave him a scientific beating. Other things entered into the calculation.

Science used to say there was no God. But there is. Science said that a vessel couldn't carry coal enough to run the ship across the ocean—but it does. Science said it was impossible to fly with the heavier than air machine, but the

Wright Brothers flew. Science said you couldn't shoot bullets between the wings of the propellor on that same flying machine, but they do shoot them. Highly paid scientific engineers said you couldn't build a practicable starting and lighting device for automobiles, but Mr. Kettering built it. High-class scientific engineers have said it was impossible to adapt his air-cooled engine to the automobile, yet there stands in the shop of the General Motors Research Corporation at Dayton, an auto driven by one of these little engines for more than 21,000 miles without ever necessitating the removal of the hood to look at the engine.—Practical is almost as big a word as scientific.

Theory is all right, but results are what we are looking for.

May we make a brief comparison of results in the treatment of disease by these two Schools? The recent epidemics of influenza (1918-1919) afford an illustration.

(a) Wieland (Journal of A. I. H., 1921, p. 717) in charge of the health service of Montgomery, Ward & Co., had under his care the families of the 8000 employees. Homeopathic medication was employed and during the two epidemics only one death occurred.

(b) Pearson (Journal A. I. H., July 1919, p. 11) reporting the tabulated results of 88 physicians treating 26,795 cases of epidemic influenza, records 273 deaths or a mortality of 1.056 percent.

(c) The figures furnished by the Government in the treatment of some 24,000 patients by Regular School physicians, in the various army camps in this country, places the mortality rate at 28 percent.

The figures in Cholera, Scarlet Fever, Spinal Meningitis, and Pneumonia are equally interesting.

Our own Dr. Baldwin of the Regular School, in the President's address heretofore referred to, makes this interesting comment, viz.—(page 9):

"A few years ago I saw a patient late at night in consultation with three of our very best physicians, two of whom had been treating the case together. After getting the history and examining the pneumonia patient, we all agreed in our belief that nothing that had been given or could have been given, could in any possible way have affected the progress of the disease. In fact, all the drugs administered had been, though unintentionally, really placebos, or what we may now call camouflage. The treatment had been *secundum artem* strictly, but by no possibility could have affected the progress of the disease, which terminated fatally a few hours later. And yet I imagine those same physicians are still, from force of habit, using the same placebos."

The records at the Homeopathic Hospital on the campus show that in seven years they have treated 44 cases of pneumonia from their incipency, out of which they have lost none.

Attention has been called to the fact that there has been a noticeable falling off of students in Homeopathic Colleges in recent years. Why not state the facts about students at the Allopathic Colleges also? We quote the following from a pamphlet issued at Ann Arbor in 1921.

"There has been a general falling off in the number of medical students in the country during the past twenty years. The following statistics are illustrative of the percentages in both schools:

"In 1904 there were 28,142 students of medicine in the United States. In 1917 there were 13,364 students of medicine in the United States. A decrease of 52.1 percent.

"From 1910 to 1916 the decrease of students in Allopathic Colleges was 34.8 percent; in Homeopathic Colleges 26.4 percent.

"The same approximate proportional decrease occurred from 1916 to 1920.

"In 1905 there were 24,117 Allopathic students. In 1917 there were 12,925 Allopathic students. Decrease of 46.3 percent.

"In 1905 there were 1,104 Homeopathic students. In 1917 there were 580 Homeopathic students. Decrease of 47.5 percent. (Medical Century, Vol. XXII, p. 255.)"

The death of Homeopathy is not unfrequently announced, like that of Mark Twain in England, but the fact remains that in spite of the active and powerful opposition of the American Medical Association and the Carnegie Foundation of Education, it has successfully retained its national organization since 1844. It has about 14,000 physicians in active practice and still supports four good medical colleges. It is interesting to find at the head of the Health Department of the Government at Washington, Brigadier General C. E. Sawyer, a Homeopathic physician; at the head of the Health Department of the great city of New York, Dr. R. S. Copeland, a Homeopathic physician and a national figure; at the head of the Federated Medical Examining Boards of the United States, Dr. Strickler, a Homeopathic physician, elected president of the organization for the third time. Scientific Medicine as it is developing in the Research Laboratories of the world, has come more than half way, through its study and development of Preventive Medicine, into the Homeopathic Harbor and will one day cast anchor there. Hear the words of Von Behring, (Professor E.,) the discoverer of diphtheria and tetanus antitoxins, (Beitrag zur experimentellen Therapie, Heft II, 1906, pp. 26 and 27), who made the following declaration:

"The scientific principles of this new tuberculo-therapy are yet to be established, just as the scientific principles of my antitoxic serum therapy remain to be explained, notwithstanding the assertion by many authors that the therapeutic action of my diphtheria and tetanus antitoxins is clearly understood since the promulgation of Ehrlich's side-chain theory. For speculative minds the new curative substance will undoubtedly become a most interesting object of scientific investigation, but I do not believe that medicine will profit much by it. In spite of all scientific speculations and experiments regarding the smallpox vaccination, Jenner's discovery remained an erratic block in medicine, till the biochemically thinking Pasteur, devoid of all medical classroom knowledge, traced the origin of this therapeutic block to a principle

which cannot better be characterized than by Hahnemann's word:

'Homeopathic'

"Indeed, what else causes the epidemiological immunity in sheep, vaccinated against anthrax, than the influence previously exerted by a virus, similar in character to that of the fatal anthrax virus? And by what technical term could we more appropriately speak of this influence, exerted by a *similar virus*, than by Hahnemann's word:

'Homeopathy'

"I am touching here upon a subject anathematized till very recently by medical pedantry; but if I am to present these problems in historical illumination, dogmatic imprecations must not deter me. They must no more deter me now than they did thirteen years ago, when I demonstrated before the Berlin Physiological Society the immunising action of my tetanus antitoxin in infinitesimal dilution. On this occasion I spoke of the production of the serum by treating animals with a poison which acted the better the more it was diluted, and a clinician, who is still living, remonstrated with me, saying that such a remark ought not to be made publicly, since it was grist for the mill of homeopathy. I remember vividly how Dubois-Reymond, who during the progress of the demonstrations and discussions had become drowsy, suddenly sat up, all attention when I replied in about these words:

"Gentlemen, if I had set myself the task of rendering an incurable disease curable by artificial means, and should find that only the road of homeopathy led to my goal, I assure you dogmatic considerations would never deter me from taking that road."

Let the truth be taught in the University even though it has to be done under the name of Homeopathy.

We make this final observation:

Continuous propaganda concerning these colleges from outside sources, such as the American Medical Association and the Carnegie Foundation, coupled with that of some local partisans, made for the sole purpose, as we believe, of eliminating the College of Homeopathic Medicine from the University, deserves our severe condemnation. Continuous discussion of the question of the merger of the colleges, inspired even by the highest motives, is unfortunate, in that it unsettles both students and faculty of the college whose elimination is sought, prevents the coming of prospective students and works great harm.

Our conclusion, therefore, is that a merger of the two colleges cannot be advantageously made; that the question of merger should be finally settled now. We believe that the two colleges may well continue in healthy, friendly rivalry, and that both should have the hearty, undivided support of the Board of Trustees.

The minority member of your committee therefore recommends:

That the proposed merger of the two Colleges of Medicine in Ohio State University be abandoned and that both

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colleges be accorded the undivided and hearty support of its Board of Trustees, as they now exist.

(Signed) BENJ. F. MCCANN.

* * * * *

The Board now adjourned to meet Friday, June 2, 10:30 a. m., at the University.

Attest:

CARL E. STEEB,
Secretary

JOHN KAISER,
Chairman

OFFICE OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

Columbus, Ohio, June 2, 1922.

The Board of Trustees met at the University at 10:30 a. m., pursuant to adjournment.

Present: T. C. Mendenhall, Vice-Chairman; B. F. McCann, C. F. Kettering, J. F. Cunningham, L. E. Laybourne, O. E. Bradfute.

* * * * *

Upon the recommendation of the President, Dr. J. E. Hagerty was authorized to attend the National Conference of Social Workers to be held at Providence, Rhode Island, June 22-29, subject to the approval of the State Emergency Board, the University to pay pullman and railroad fare only.

* * * * *

Upon the recommendation of the President, an honorarium of \$200.00 was awarded to Professor B. H. Bode for a series of special lectures given at Washington C. H., during the past year, this honorarium to be paid from the fees received from students attending said lectures.

* * * * *

The fee for the Civil Engineering Summer Camp was fixed at \$8.00.

* * * * *

The President presented the following report from E. A. Hitchcock, Director of the Engineering Experiment Station, and upon motion, the distribution of Station funds was made as requested below by the Director and recommended by the President:

May 25, 1922.

Dr. W. O. Thompson, President,
Ohio State University.

My dear Dr. Thompson—At a meeting of the Engineering Experiment Station Council held May 24, 1922, the following distribution of Station funds for both old and new projects was made and is herewith presented to you for approval by the Board of Trustees:

Project No. 1—Filing and bulletin cases..... \$ 100.00
Project No. 2—Postage and stationery 1921-22... 225.00

Project No. 15—Economical Utilization of Liquid
 Fuels, Prof. C. A. Norman 126.42
 (This appropriation closes this project which is published
 as bulletin No. 19 and has had a very wide circulation.)
 Project No. 18—Automobile Headlighting—Prof.
 F. C. Caldwell..... \$ 428.80
 (This project has been published as Circular No. 8 and
 has a wide circulation.)

NEW PROJECTS

Project No. 29—Economical Use of Coal in Differ-
 ent Types of Boiler Furnaces—
 Prof. F. W. Marquis. Initial ap-
 propriation \$1,500.00

(The type of equipment now being installed by Mr. McCracken in the new boiler house affords an exceptional opportunity to conduct coal investigation as to its use in different types of boiler furnaces. Such an opportunity, I believe, does not exist at any other educational institution or engineering experiment station. In this plant at the present time are installed three different boilers of the same manufacture, type, and size but connected with each is a different type of stoker. The purpose of this project is to study carefully the characteristics of the three different types of stokers in their use of Ohio and other coals and thereby be able to determine and establish factors governing economical operation.

This project should result in a large saving of coal to the University and other State institutions. This investigation when considered in conjunction with the project supervised by Professor Demorest will continue to keep the Engineering College of this University in the lead as to coal investigations the same as was the case in the day of Professor N. W. Lord.)

Very respectfully submitted,
 (Signed) E. A. HITCHCOCK.

* * * * *

The President presented a request from the Trustees of the Protestant Hospital Association asking for a conference between the two Boards of Trustees. The President was directed to notify the Trustees of the Protestant Hospital Association that such a conference may be held June 12, 1922, at 7:00 p. m.

* * * * *

The President called the attention of the Trustees to the fact that in authorizing certificates to the graduates of the Colleges of Denistry and Medicine which were taken over by the University, pursuant to an act of Legislature passed April 18, 1913, that the graduates in Pharmacy from such colleges had been omitted. Upon his recommendation, it was ordered that suitable certificates, similar to those now furnished to the alumni of the College of Medicine and the College of Dentistry, be furnished to the graduates in Pharmacy, upon the same terms and conditions as prescribed for the other colleges.

* * * * *

The President presented the following agreement with the U. S. Bureau of Mines for the year ending June 30, 1923. Upon motion, such agreement was approved and the President of the University and the Vice-Chairman and the Secretary of the Board of Trustees were directed on behalf of the Board of Trustees to execute said agreement:

AGREEMENT between the United States Bureau of Mines and the Ohio State University.

PREAMBLE: The United States Bureau of Mines, hereinafter referred to as the Bureau, and the Ohio State University, hereinafter referred to as the University, desiring to make investigations and disseminate information with a view to improving conditions in mining, quarrying, refining, and utilization of ceramic minerals and other ceramic raw materials, safeguarding life among employes of ceramic industries, preventing unnecessary waste of resources, increasing efficiency in the utilization of raw materials, and otherwise contributing to the advancement of these industries, hereby agree with each other as follows:

(1) *Facilities and Moneys Furnished by the Bureau:* The Bureau will maintain in the buildings furnished by the University on its campus at Columbus, Ohio, an experiment station devoted to the above purposes and to such other investigations as may be assigned to it from time to time by the Director of the Bureau and will, during the fiscal year ending June 30, 1923, expend in the work of this station at least a sum approximating \$23,000.00 which includes operation, supplies, equipment, salaries, and traveling expenses of such of the Bureau's employees as shall be assigned to this work.

The undergraduate students of the University may make visits to and observations of the researches under way at the station provided this does not interfere with the investigations under way. Graduate fellows may be appointed by the University to the station, who may conduct or assist in conducting research investigations at the station. While engaged on this work they shall be under the technical control of the Bureau engineer in charge of the station; but they shall remain under the administrative control and rules of the departments of the University to which they may be attached.

(2) *Facilities and Moneys Furnished by the University:* The University will provide on its campus, free of charge to the Bureau, suitable and adequate office rooms, laboratories, and kilns for the experiment station and such laboratory equipment as is available, will pay all expenses incident to making any changes and alterations necessary to provide such office space, laboratories, and kilns, and will furnish free of charge, the electric power, heat, light, gas, fuel, water, and janitor service necessary to the work of the experiment station.

In addition to the rooms and laboratory space thus furnished for the station, the University will permit the Bureau employes the use of other laboratories, libraries, and general college facilities in so far as such use does not interfere with the University's regular work of instruction and research.

(3) *Title to Equipment:* It is understood and agreed that such equipment, apparatus, and supplies, including office furniture, as shall be required for the work of either party shall be owned and controlled by the party purchasing such equipment and supplies.

(4) *Supervision of the Work:* Investigations or parts of investigations at the experiment station which relate to the state in which

the University is situated will be under the joint control of the Director of the Bureau and the President of the University, or their representatives, who together will determine the problems to be undertaken, the general methods to be employed and the manner in which results are to be published, but the Director of the Bureau shall have sole supervision of the work of the Bureau employees and of investigations or those parts of investigations which do not relate to the State of Ohio.

(5) *Limits of Work*: It is the intent of the Bureau in establishing the experiment station to assist the state and district adjacent to the University on its own local problems. However, if problems of a similar nature arise in other parts of the United States, work on which, by reason of special equipment installed or trained personnel present, can be carried out to the best advantage at this experiment station, and the solution of such problem shall be of specific or general benefit to the district, the district problems under investigation, or to the students of the University, the work may be carried out at this experiment station.

(6) *Liability*: The University assumes all responsibility for the conduct of its students, "fellows," teaching staff, and other employes while in the offices or laboratories devoted to the station, and further assumes all liability which might attach to the United States because of any injury sustained by any of the University's students, "fellows," teaching staff, or other employes while in the offices, laboratories, or on the grounds of the experiment station.

(7) *Reports of Progress*: All records and reports of the progress, status, or results of all work relating to problems arising in the state or being carried out co-operatively shall be freely accessible to both parties at all times. Representatives of either party will at all times have access to the work in progress by other contracting party on all co-operative work for the purpose of inspection and mutual discussion.

(8) *Statements of Expenditures*: Each party will submit to the other semiannual statements of expenditures incurred by reason of this co-operation for periods ending December 31 and June 30.

(9) *Right of Publication*: Each publication issued by either party giving results of investigations at the experiment station relating principally to the State of Ohio, or in pursuance of which the funds of the Ohio State University have been used, will recognize in the text and on the cover and title page the co-operation of the other party, but the University will not publish such results prior to publication by the Bureau except with the express consent of the Director of the Bureau. Publications issued by the Bureau as a result of investigations at the Station in which the University did not co-operate or in which no University moneys were expended shall contain acknowledgment by the Bureau of the situation of the Bureau of Mines Experiment Station on the campus of the Ohio State University and of the privileges and courtesies afforded.

(10) *Distribution of Publications*: The Bureau will distribute free to the citizens of the State of Ohio, a reasonable number, to be eventually agreed upon, of copies of each published report relating principally to the State of Ohio resulting from the work of this co-operation, not more than one copy of any report being given to any one person. The University in its report published as a result of this co-operation shall furnish the Bureau of Mines for its distribution

among its principal employes and others not less than 250 copies of each publication.

(11) *Status of Bureau Employes at University*: The employes of the Bureau will not teach in the University nor will their names appear in publications of the University as members of the University faculty. Publications of the University may recognize the existence on the campus of a Bureau of Mines Experiment Station working in co-operation with special departments of the University, but it shall appear that the experiment station and Bureau employes are working in co-operation with the University or some of its departments and are not a part of any department of the University.

(12) *Termination of the Agreement*: This agreement will be effective as of July 1, 1922, and will expire on June 30, 1923. It may be renewed from year to year by mutual agreement and is subject to termination at the option of either contracting party at the expiration of any fiscal year.

(13) *Approval of Secretary of the Interior*: Subject to the approval of the Secretary of the Interior.

IN WITNESS WHEREOF the said parties by their duly authorized officers have hereunto set their hands and seals this..... day of.....

Witnesses

.....
Director, U. S. Bureau of Mines.

.....
President, Ohio State University.

.....
Vice-Chairman, Board of Trustees,
Ohio State University

.....
Secretary, Board of Trustees,
Ohio State University

Approved:

.....
Secretary of the Interior.

* * * * *

The Secretary presented a request from the Stadium Building Committee asking authority to connect the Stadium sewer with the City sewer passing near the Stadium. Upon motion, the Secretary was directed to transmit said request to the City Engineer of Columbus, Ohio, asking approval thereof.

* * * * *

The Trustees now took up for consideration the reports of the committee appointed to investigate the situation regarding Medical instruction in the Ohio State University.

Judge McCann moved that the minority report be substituted for the majority report. This motion was seconded by Mr. Bradfute.

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After discussion, ayes and noes were demanded, resulting as follows: Ayes—Mr. Kettering, Mr. Bradfute, and Judge McCann. Noes—Dr. Mendenhall, Mr. Laybourne, and Mr. Cunningham. The vote being a tie, further action was deferred until the next meeting of the Board of Trustees.

* * * * *

The President presented the annual budget for the year ending June 30, 1923, with the recommendation that said budget be adopted. After due consideration, it was agreed to defer action for the present on the budgets for the Department of Physical Education and the two Colleges of Medicine.

With the exception of the budgets above named, the remainder of the budget as presented by the President was approved and unanimously adopted.

THE OHIO STATE UNIVERSITY SALARY BUDGET

1922-1923

RESOURCES

Appropriation H. B. 301.....	\$1,266,939.00
Appropriation H. B. 301 Fourth Quarter	60,000.00
Student Fees (estimated).....	407,327.00
United States Morrill Fund....	50,000.00
Total Resources	\$1,784,266.00

LIABILITIES

I. EDUCATIONAL DIVISION

A. Instructional

College of Agriculture.....	\$ 268,640.00
College of Arts.....	252,905.00
College of Com. and Jour....	148,059.00
College of Dentistry.....	24,100.00
College of Education.....	134,365.00
College of Engineering.....	343,850.00
College of Law.....	26,000.00
College of Pharmacy.....	11,800.00
College of Vet. Medicine.....	41,410.00
Graduate School	6,000.00
President's Division	53,560.00

Total Instructional	\$1,310,689.00
B. Administrative	128,900.00

Total Educational Division.....	\$1,439,589.00
II. PHYSICAL PLANT DIVISION.....	192,000.00

Grand Total Budget for 1922-1923.....	\$1,631,589.00
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Balance Available	\$ 152,677.00
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COLLEGE OF AGRICULTURE ADMINISTRATION

Alfred Vivian	Dean	\$ 6,000.00
True G. Watson	Secretary of the College.....	2,700.00
Bernice E. Blue	Secretary to the Dean.....	1,200.00
		\$ 9,900.00

AGRICULTURAL CHEMISTRY

John F. Lyman	Professor	\$ 4,500.00
Thomas G. Phillips	Assistant Professor	2,750.00
Emory F. Almy	Instructor	1,800.00

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Rachel Edgar	Instructor	1,200.00
Charles P. Hinkle	Assistant	900.00
Hoylander Young	Student Assistant	No Salary
		\$ 11,150.00

AGRICULTURAL EDUCATION

Wilbur F. Stewart	Professor	\$ 3,000.00
		\$ 3,000.00

AGRICULTURAL ENGINEERING

F. W. Ives	Professor	\$ 3,750.00
G. W. McCuen	Professor	3,600.00
P. B. Potter	Assistant Professor	3,300.00
R. R. Thomson	Assistant Professor	2,700.00
	Assistant (part time).....	500.00
J. T. Miller	Mechanic	1,400.00
	Mechanic	1,380.00
		\$ 16,630.00

ANIMAL HUSBANDRY

Carl W. Gay	Professor	\$ 6,000.00
C. S. Plumb	Professor	4,000.00
D. J. Kays	Professor	3,600.00
J. S. Coffey	Professor	3,500.00
C. T. Conklin	Assistant Professor	3,500.00
	Assistant	900.00
		\$ 21,500.00

ANIMAL HUSBANDRY—EMPLOYEES

David M. Fyffe	Superintendent of Live Stock.....	\$ 1,800.00
Robert Watson	Groom	1,440.00
	Teamster	1,140.00
L. H. Myers	Laborer	960.00
George Taylor	Beef Cattle Herdsman	1,260.00
Cecil Bayes	Beef Cattle Herdsman	1,440.00
C. E. Wilson	Teamster	960.00
Paul Jackson	Dairy Cattle Herdsman	1,440.00
Ray Garrett	Assistant Dairy Cattle Herdsman.....	1,080.00
William Franklin	Shepherd	1,440.00
William Kloepper	Assistant Shepherd	900.00
Judson Solomon	Swine Herdsman	1,200.00
J. T. Laws	Assistant Swine Herdsman	1,080.00
William Whitacre	Pavilion Groom	960.00
Kenneth Fankhauser	Laborer	240.00
		\$ 17,340.00

BOTANY

E. N. Transeau	Professor	\$ 5,000.00
J. H. Schaffner	Professor	3,500.00
W. G. Stover	Assistant Professor	3,000.00
H. C. Sampson	Assistant Professor	3,000.00
A. E. Waller	Assistant Professor	3,000.00
L. H. Tiffany	Instructor	1,800.00
J. D. Sayre	Instructor	1,800.00
E. L. Stover	Instructor	1,700.00
J. S. Crabb	Assistant (Greenhouse)	1,200.00
	Graduate Assistant	500.00
	Graduate Assistant	500.00
	Graduate Assistant	500.00
	Graduate Assistant	500.00
	Student Assistant	300.00
	Student Assistant	300.00
	Student Assistant	300.00
	Student Assistant	300.00
		\$ 27,200.00

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DAIRYING

Oscar Erf	Professor	\$ 4,500.00
R. B. Stoltz	Assistant Professor	3,000.00
H. D. Drain	Assistant Professor	2,500.00
D. H. Kochheiser	Instructor	2,100.00
A. L. Bates	Driver	1,080.00
	Graduate Assistant	500.00

\$ 13,680.00

FARM CROPS

J. B. Park	Professor	\$ 4,000.00
C. J. Willard	Assistant Professor	2,700.00
C. G. Williams	Professor	No Salary
H. L. Borst	Instructor	1,800.00
Ralph Livingston	Assistant (Field Work)	1,200.00
J. S. Cutler	Assistant	900.00
	Assistant	500.00

\$ 11,100.00

FARM OPERATIONS

A. E. Smith	Farm Foreman	\$ 2,000.00
Charles Pugh	Head Teamster	1,080.00
B. L. Johnson	Teamster	1,080.00
B. E. Stahl	Teamster	1,080.00
Marion Peck	Teamster	1,080.00
Charles Carter	Teamster	1,080.00
John S. Long	Teamster	1,080.00
J. W. Brooks	Teamster	1,080.00
E. J. Day	Teamster	1,080.00
Ira Blanchard	Teamster	1,080.00
John De Witt	Mechanic	1,500.00

\$ 13,220.00

HOME ECONOMICS

Faith R. Lanman	Professor	\$ 4,000.00
Grace G. Walker	Professor	3,600.00
Maude G. Adams	Professor	1,800.00
Elizabeth Shelow	Professor	3,000.00
June Findley	Assistant Professor	2,500.00
Gladys McGill	Assistant Professor	2,500.00
Lelia McGuire	Instructor	2,000.00
Alice M. Donnelly	Instructor	2,200.00
Elsie E. Steiger	Instructor	1,500.00
Laurentza S. Hansen	Instructor	1,800.00
Katherine Bazore	Instructor	1,250.00
Josephine Brown	Instructor	1,400.00
Mildred Smith	Assistant	900.00
Nell M. Beck	Assistant	900.00
	Maid	720.00

\$ 30,070.00

HORTICULTURE AND FORESTRY

W. Paddock	Professor	\$ 4,500.00
L. M. Montgomery	Professor	3,300.00
A. C. Hottes	Assistant Professor	2,750.00
P. H. Elwood	Assistant Professor	2,750.00
N. W. Scherer	Assistant Professor	2,250.00
F. G. Charles	Assistant	2,160.00
A. D. Taylor	Non-Resident Professor	500.00
John Morrison	Assistant	1,740.00
John Hussey	Assistant	1,800.00
J. E. Shanck	Assistant	1,400.00

\$ 23,150.00

LAKE LABORATORY

Frederic H. Kreckler	Acting Director	\$ 500.00
Steven R. Williams	Professor of Zoology	350.00
Malcolm E. Stickney	Professor of Botany	350.00
C. H. Kennedy	Professor of Entomology	350.00

\$ 1,550.00

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POULTRY HUSBANDRY

F. S. Jacoby	Professor	\$ 3,500.00
Arthur Bayes	Superintendent Poultry Plant	1,680.00
		<hr/>
		\$ 5,180.00

RURAL ECONOMICS

J. I. Falconer	Professor	\$ 4,500.00
H. E. Erdman	Assistant Professor	4,000.00
C. F. Lively	Assistant Professor	3,000.00
F. L. Morrison	Instructor	2,250.00
John Dowler	Assistant	360.00
Cecil F. Allen	Statistical Clerk	960.00
Irma Earle	Statistical Clerk	960.00
Margie Hoffman	Stenographer	960.00
		<hr/>
		\$ 16,990.00

SOILS

Firman E. Bear	Professor	\$ 4,500.00
Guy W. Conrey	Assistant Professor	3,000.00
George M. McClure	Instructor	2,400.00
Charles L. Thrash	Instructor	2,400.00
George Valley	Assistant	320.00
James R. Shepperd	Fertility Plot Assistant	1,080.00
Joel C. Leslie	Fertility Plot Assistant	1,080.00
		<hr/>
		\$ 14,780.00

ZOOLOGY AND ENTOMOLOGY

Raymond C. Osburn	Professor	\$ 5,000.00
Herbert Osborn	Research Professor	5,000.00
James S. Hine	Associate Professor and Curator	2,500.00
W. M. Barrows	Assistant Professor	3,000.00
F. H. Kreckler	Assistant Professor	3,000.00
D. M. De Long	Assistant Professor	2,750.00
C. H. Kennedy	Assistant Professor	2,300.00
W. J. Kostir	Instructor	2,300.00
E. L. Wickliff	Instructor	1,500.00
W. C. Kraatz	Assistant	1,200.00
	Graduate Assistant	500.00
	Graduate Assistant	500.00
	Graduate Assistant	500.00
	Graduate Assistant	500.00
	Graduate Assistant	500.00
	Instructor (Summer Quarter)	650.00
	Graduate Assistant	500.00
		<hr/>
		\$ 32,200.00

Total for College of Agriculture..... \$268,640.00

COLLEGE OF ARTS, PHILOSOPHY, AND SCIENCE

ADMINISTRATION

William E. Henderson	Dean	\$ 6,000.00
Emery W. Balduf	Secretary	2,700.00
Ruth Evans	Stenographer (Assistant Secretary)	960.00
		<hr/>
		\$ 9,660.00

AMERICAN HISTORY

G. W. Knight	Professor	\$ 5,000.00
H. C. Hockett	Professor	4,250.00
Arthur C. Cole	Professor	3,500.00
George A. Wood	Assistant Professor	2,500.00
Carl Wittke	Assistant Professor	3,750.00
R. A. Shryock	Instructor	2,000.00
W. E. Marion	Instructor	1,800.00
	Instructor	1,800.00
		<hr/>
		\$ 24,600.00

ENGLISH

J. V. Denney	Professor	\$ 6,000.00
J. R. Taylor	Professor	4,200.00
G. H. McKnight	Professor	4,500.00
W. L. Graves	Professor	3,600.00
E. L. Beck	Professor	3,500.00
V. A. Ketcham	Professor	3,500.00
C. E. Andrews	Assistant Professor	3,500.00
Milton Percival	Assistant Professor	3,000.00
J. F. Craig	Instructor	2,500.00
E. W. Wiley	Instructor	2,750.00
W. P. Sanford	Instructor	2,500.00
Gertrude L. Robinson	Instructor	1,800.00
Verona Dollinger	Instructor	1,800.00
Edith Sniffen	Instructor	1,800.00
Walter French	Instructor	1,800.00
Whittier Burnet	Instructor	1,800.00
Sada Harbarger	Instructor	2,000.00
H. H. Shively	Instructor	1,800.00
Bernard Raymond	Instructor	1,800.00
Eleanor H. Percival	Instructor	1,500.00
Herman Miller	Instructor	1,800.00
Mary E. Ross	Instructor	1,500.00
Fred Harrold	Instructor	1,500.00
Geo. W. Hibbitt	Instructor	1,500.00
John P. Fife	Instructor	1,500.00
Frank Grismer	Instructor ($\frac{1}{2}$ time)	800.00
Paul S. Schoedinger	Instructor ($\frac{1}{2}$ time)	800.00
	Instructor	1,800.00
	Instructor	1,800.00
	Instructor	1,800.00
Mary A. Hitchcock	Instructor	1,500.00
Paul Selby	Assistant	500.00
Henry Wilson	Assistant	500.00
J. D. Harlor	Assistant	500.00
Marion E. Snyder	Assistant	500.00
Florence Knapp	Assistant	500.00
Margaret Hicks	Assistant	300.00
Florence E. Moore	Assistant	300.00
J. Philip Schneider	Professor (Summer Quarter)	1,000.00

\$ 76,050.00

EUROPEAN HISTORY

W. H. Siebert	Professor	\$ 5,000.00
Edgar H. McNeal	Professor	4,000.00
	Assistant Professor	2,000.00
G. A. Washburne	Assistant Professor	2,500.00
H. S. Stuckert	Assistant Professor	3,000.00
A. H. Noyes	Instructor	2,250.00
Samuel Rezneck	Instructor	1,800.00

\$ 20,550.00

GEOLOGY

J. A. Bownocker	Professor	\$ 4,000.00
J. E. Carman	Professor of Hist. Geol. and Curator	3,750.00
Roderick Peattie	Assistant Professor	3,000.00
Helen Morningstar	Instructor	2,000.00
Robert F. Webb	Instructor	2,500.00
R. E. Samborn	Instructor	2,250.00
Paris B. Stockdale	Instructor	2,000.00
Mary Tackleson	Student Assistant	100.00
	Student Assistant	100.00
	Student Assistant	100.00

\$ 19,800.00

GERMAN

M. B. Evans	Professor of German	\$ 5,000.00
B. A. Eisenlohr	Professor	3,000.00
L. Bloomfield	Professor of German and Linguistics	4,000.00
May Thomas	Assistant Professor	2,100.00

\$ 14,100.00

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GREEK

George M. Bolling	Professor	\$ 5,000.00
Harold C. Esper	Student Assistant	70.00
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		\$ 5,070.00

LATIN

A. W. Hodgman	Professor	\$ 3,500.00
W. S. Elden	Professor	3,500.00
S. B. Smith	Instructor	2,800.00
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		\$ 9,800.00

PHILOSOPHY

J. A. Leighton	Professor	\$ 5,000.00
A. R. Chandler	Assistant Professor	3,000.00
A. E. Avey	Assistant Professor	2,750.00
D. L. Evans	Graduate Assistant	1,000.00
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		\$ 11,750.00

POLITICAL SCIENCE

H. R. Spencer	Professor	\$ 4,250.00
F. W. Coker	Professor	4,000.00
W. J. Shepard	Professor and Director, Bureau of Govern. Research	4,000.00
	Reader	500.00
		<hr/>
		\$ 12,750.00

ROMANCE LANGUAGES

Robert E. Rockwood	Assistant Professor and Chairman.....	\$ 3,500.00
Olin H. Moore	Professor	4,000.00
George R. Havens	Professor	3,250.00
E. F. Hacker	Assistant Professor	3,000.00
Robert Foure	Assistant Professor	3,000.00
Theodore E. Hamilton	Assistant Professor	2,500.00
Bertha P. Arthur	Instructor	1,800.00
Florence Hier	Instructor	2,000.00
Mme. Helene Foure	Assistant	1,650.00
Flola Shepard	Assistant	1,575.00
Earl C. Shively	Assistant	1,200.00
Elisabeth Conrad	Assistant Professor	No Salary
W. S. Hendrix	Professor	4,000.00
Santiago Gutierrez	Assistant Professor	3,250.00
G. Nelson Graham	Instructor	2,000.00
Raymond L. Grismer	Instructor	2,200.00
D. P. Rotunda	Instructor	2,200.00
Helen V. Terry	Instructor	1,500.00
Emily Schons	Instructor	2,000.00
W. A. Whatley	Instructor	2,500.00
Helen C. Barr	Assistant	1,650.00
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		\$ 48,775.00
Total for College of Arts, Philosophy, and Science.....		<hr/>
		\$252,905.00

COLLEGE OF COMMERCE AND JOURNALISM
ADMINISTRATION

J. E. Hagerty	Dean	\$ 6,000.00
	Assistant Secretary	1,500.00
	Conferences	3,000.00
		<hr/>
		\$ 10,500.00

ACCOUNTING

G. W. Eckelberry	Professor	\$ 4,500.00
	Instructor	2,000.00
W. D. Wall	Lecturer	800.00
J. Lake Vesper	Assistant	1,320.00
H. K. Casterton	Assistant	1,320.00
M. M. Donaldson	Assistant	660.00
D. M. Shonting	Assistant	1,000.00
	Assistant	560.00
		<hr/>
		\$ 12,160.00

BUSINESS ORGANIZATION

Clyde O. Ruggles	Professor	\$ 6,000.00
John A. Fisher	Professor	5,000.00
Henry E. Hoagland	Professor	5,000.00
Walter C. Weidler	Professor	4,000.00
Charles A. Dice	Assistant Professor	3,500.00
Montgomery E. Pike	Assistant Professor	3,000.00
J. A. Fitzgerald	Assistant Professor	3,750.00
Theodore N. Beckman	Instructor	1,800.00
	Assistant	900.00
	Reader	300.00
	Reader	200.00
	Reader	150.00
	Reader	150.00
	Reader	150.00
	Reader	75.00
Howard H. Webster	Instructor	835.00
	Instructor	2,165.00

\$ 36,975.00

ECONOMICS

M. B. Hammond	Professor	\$ 6,000.00
H. Gordon Hayes	Professor	4,500.00
Henry F. Walradt	Assistant Professor	3,500.00
Felix E. Held	Assistant Professor	3,500.00
Frederick E. Croxton	Instructor	2,000.00
George D. Haskell	Instructor	1,500.00
Lawrence E. Clark	Assistant	1,835.00
William B. Mills	Assistant	1,000.00
L. Edwin Smart	Assistant	1,500.00
Virgil Willett	Assistant	1,000.00
C. W. Fink	Assistant	1,500.00
Daniel M. Shonting	Assistant	500.00
Howard H. Webster	Instructor	665.00
	Reader	400.00
	Reader	150.00
	Reader	150.00
	Reader	150.00
	Reader	150.00
	Reader	150.00
	Reader	150.00
	Reader	150.00
	Reader	150.00
	Reader	100.00
	Reader	100.00

\$ 30,950.00

ECONOMIC AND SOCIAL GEOGRAPHY

C. C. Huntington	Professor	\$ 4,250.00
Eugene Van Cleef	Assistant Professor	3,500.00
	Instructor	1,600.00
F. I. Blanchard	Instructor (Summer Quarter)	400.00
	Instructor	1,200.00
Paul G. Eckelberry	Assistant	1,300.00
Donald J. Hoskins	Assistant	500.00
	Assistant	400.00
Stella Huntington	Reader	300.00
	Reader	150.00

\$ 13,600.00

JOURNALISM

Joseph S. Myers	Professor	\$ 5,000.00
Osman C. Hooper	Professor	4,000.00
Lester C. Getzloe	Assistant Professor	2,600.00
Paul C. Carty	Instructor	2,700.00
Maurice H. Hallett	Instructor	2,340.00
Albert P. Taylor	Instructor	1,184.00
	Editor of Lantern	500.00
	Business Manager of Lantern	500.00
	Assistant	300.00

\$ 20,124.00

SOCIOLOGY

C. C. North	Professor	\$ 4,500.00
Frederick E. Lumley	Professor	4,000.00
Mary Louise Mark	Assistant Professor	3,500.00
Edwin L. Clarke	Assistant Professor	2,500.00
Lucia Johnson	Lecturer	600.00
W. C. Mills	Lecturer	500.00
Mary L. Brown	Instructor	500.00
	Lecturer	1,000.00
	Lecturer	1,000.00
	Lecturer	700.00
Henry M. Scott	Assistant	1,500.00
W. J. Blackburn	Assistant	1,000.00
Perry P. Denune	Assistant	1,000.00
	Reader	150.00
	Reader	150.00
	Reader	150.00
	Assistant	1,000.00
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		\$ 23,750.00

Total for College of Commerce and Journalism..... \$148,059.00

COLLEGE OF DENTISTRY

H. M. Semans	Dean and Professor	\$ 6,000.00
H. V. Cottrell	Professor	1,800.00
R. B. Wiltberger	Assistant Professor	1,000.00
Clyde H. Hebble	Assistant Professor	1,700.00
Wm. C. Graham	Assistant Professor	1,300.00
Herbert S. Shumway	Instructor	1,300.00
C. W. Strosnider	Instructor	1,300.00
Dick P. Snyder	Instructor	1,300.00
E. W. Martindale	Instructor	900.00
Irwin A. Bottenhorn	Instructor	900.00
Frank C. Starr	Instructor	1,100.00
Ollie O. Mobberly	Superintendent Laboratories	2,400.00
Louis E. Reif	Instructor	1,000.00
Earl G. Jones	Instructor	1,000.00
Webster M. Baker	Instructor	900.00
Wm. V. Walton	Assistant	200.00
		<hr/>
		\$ 24,100.00

Total for College of Dentistry..... \$ 24,100.00

COLLEGE OF EDUCATION
ADMINISTRATION

George F. Arps	Dean	\$ 6,000.00
Clarence E. Erfmeyer	Instructor in Education	2,700.00
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		\$ 8,700.00

BUREAU OF EDUCATIONAL RESEARCH

B. R. Buckingham	Director and Professor of Education	\$ 7,500.00
P. R. Stevenson	Research Associate	3,000.00
Margaret Doherty	Reference Assistant	2,400.00
Josephine MacLatchy	Editorial Assistant	2,250.00
Grace Christy	Assistant to the Director	1,600.00
		<hr/>
		\$ 16,750.00

FINE ARTS

Charles F. Kelley	Professor	\$ 4,500.00
Alice R. Robinson	Assistant Professor	2,650.00
Ralph S. Fanning	Assistant Professor	3,000.00
Alma Knauber	Instructor	1,800.00
Bruce W. Saville	Instructor	2,000.00
Helen F. McKenzie	Instructor	1,800.00
Eloise Richardson	Assistant	750.00
E. W. Rannels	Assistant	750.00
Minna L. Volk	Instructor (1st term Sum. Quar.)	400.00
		<hr/>
		\$ 17,650.00

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HISTORY AND PHILOSOPHY OF EDUCATION

L. F. Anderson	Professor	\$ 4,500.00
R. H. Eckelberry	Graduate Assistant	1,000.00
		<hr/>
		\$ 5,500.00

INDUSTRIAL EDUCATION

Eldon L. Usry	Professor	\$ 4,800.00
Robert E. Smith	Instructor	2,650.00
		<hr/>
		\$ 7,450.00

MUSIC—SUMMER QUARTER

Royal D. Hughes	Professor (1st term Sum. Quar.)	\$ 700.00
Norma V. Owen	Instructor (1st term Sum. Quar.)	300.00
Mildred Hinkle	Instructor (1st term Sum. Quar.)	200.00
		<hr/>
		\$ 1,200.00

PHYSICAL EDUCATION

Kathleen Crowley	Instructor (Summer Quarter)	\$ 340.00
Dorothy Sumption	Instructor (Summer Quarter)	200.00
G. M. Trautman	Assistant Professor (Summer Quarter)	400.00
		<hr/>
		\$ 940.00

PRINCIPLES AND PRACTICE OF EDUCATION

J. L. Clifton	Professor	\$ 3,900.00
F. C. Landsittle	Assistant Professor	3,000.00
N. S. Maddox	Assistant	1,000.00
B. H. Bode	Professor	6,000.00
N. S. Maddox	Assistant (1st term Sum. Quar.)	175.00
R. D. Bennett	Assistant Professor	3,200.00
		<hr/>
		\$ 17,275.00

PSYCHOLOGY

G. F. Arps	Professor	See Administration
A. P. Weiss	Professor	\$ 4,500.00
H. E. Burt	Professor	4,000.00
S. L. Pressy	Assistant Professor	3,000.00
A. S. Rogers	Assistant Professor	2,500.00
Elizabeth Hatch	Instructor	2,200.00
Laura Chassell	Instructor	2,000.00
Marjory Bates	Instructor	2,000.00
R. D. Williams	Assistant Professor	3,000.00
Frances J. Halsted	Instructor	2,000.00
Mrs. L. C. Pressey	Instructor	2,000.00
H. H. Goddard	Professor	6,000.00
Paul Farnsworth	Instructor	2,000.00
O. R. Chambers	Assistant	1,000.00
Bertha Koch	Laboratory Assistant	900.00
Ellouise Robinson	Assistant	750.00
Margaret E. Guy	Assistant	500.00
H. G. Hullfish	Assistant	750.00
K. C. Pratt	Assistant	500.00
Harold Israel	Assistant	500.00
Willie Stephens	Graduate Assistant	500.00
E. N. Henderson	Professor (1st term Sum. Quar.)	600.00
Paul Farnsworth	Graduate Assistant (Sum. Quar.)	200.00
Oliver L. Reiser	Instructor (part time)	900.00
		<hr/>
		\$ 41,400.00

SCHOOL ADMINISTRATION

C. C. McCracken	Professor and Acting Head	\$ 4,500.00
E. J. Ashbaugh	Professor	5,000.00
	Assistant Professor	3,500.00
	Graduate Assistant	500.00
J. L. Purdom	Professor (Summer Quarter)	1,000.00
J. L. Stenquist	Professor (1st term Sum. Quar.)	750.00
W. S. Dakin	Professor (1st term Sum. Quar.)	550.00
W. G. Reeder	Assistant Professor (1st term Sum. Quar.)	500.00
W. W. Cox	Instructor (1st term Sum. Quar.)	300.00
		<hr/>
		\$ 16,600.00

Total for College of Education.....\$134,365.00

COLLEGE OF ENGINEERING ADMINISTRATION

E. A. Hitchcock	Dean and Director of Engineering	\$ 6,000.00
Lenora Glasgow	Experiment Station	
	Secretary to Dean	1,600.00
		<hr/> \$ 7,600.00

ARCHITECTURE

Joseph N. Bradford	Professor	\$ 1,800.00
Charles S. Chubb	Professor	3,800.00
F. H. Haskett	Instructor	2,750.00
W. C. Ronan	Assistant Professor	2,700.00
George Fraser	Assistant Professor	2,000.00
		<hr/> \$ 12,550.00

ASTRONOMY

Henry C. Lord	Professor	\$ 4,000.00
E. S. Manson	Associate Professor	2,600.00
S. F. Stapleton	Student Assistant	360.00
		<hr/> \$ 6,960.00

CERAMICS

Arthur S. Watts	Professor	\$ 4,500.00
Carl B. Harrop	Assistant Professor	2,750.00
James T. Robson	Instructor	1,200.00
John Lysatt	Technician	900.00
		<hr/> \$ 9,350.00

CHEMISTRY

William McPherson	Professor and Head of Department	See Graduate School
William L. Evans	Professor	\$ 5,500.00
James R. Withrow	Professor	4,500.00
Charles W. Foulk	Professor	4,000.00
Cecil E. Boord	Assistant Professor	3,500.00
Marion Hollingsworth	Assistant Professor	2,700.00
Edward Mack, Jr.	Assistant Professor	3,250.00
Wesley G. France	Assistant Professor	2,750.00
Cloyd D. Looker	Assistant	1,600.00
Howard E. Fritz	Assistant	1,500.00
Clare S. Martin	Assistant	1,500.00
Joel B. Peterson	Assistant	1,500.00
Albert H. Vilbrandt	Assistant	1,500.00
A. I. Andrews	Assistant	1,000.00
Arthur T. Bawden	Assistant	1,000.00
Cole Coolidge	Assistant	1,000.00
Marion D. Coulter	Assistant	1,000.00
Henry W. Hass	Assistant	1,000.00
Robert J. Havighurst	Assistant	1,000.00
William S. Jones	Assistant	1,000.00
Walter H. Moran	Assistant	1,000.00
Gerard G. Osterhof	Assistant	1,000.00
Lawrence E. Stout	Assistant	1,000.00
Thomas H. Swan	Assistant	1,000.00
G. H. Vander Borgh	Assistant	1,000.00
Robert W. Collins	Part-time Assistant	500.00
George M. Strong	Part-time Assistant	500.00
Alpha J. Will	Part-time Assistant	500.00
Arthur M. Brant	Graduate Assistant	500.00
James F. Chalmers	Graduate Assistant	500.00
Albert M. Clifford	Graduate Assistant	500.00
Gerald Coleman	Graduate Assistant	500.00
George T. Cross	Graduate Assistant	500.00
Homer L. Cupples	Graduate Assistant	500.00
Theodore S. Eckert	Graduate Assistant	500.00
John M. Flikkema	Graduate Assistant	500.00
Robert S. Hanson	Graduate Assistant	500.00
George P. Hoff	Graduate Assistant	500.00
Lucian F. Hunt	Graduate Assistant	500.00
George M. Karns	Graduate Assistant	500.00
John D. McBurney	Graduate Assistant	500.00
Alfred E. McGee	Graduate Assistant	500.00
William W. Mills	Graduate Assistant	500.00

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Edward G. Meiter	Graduate Assistant	500.00
Raymond C. Rich	Graduate Assistant	500.00
John M. Ort	Graduate Assistant	500.00
Robert A. Osborn	Graduate Assistant	500.00
Charles S. Pease	Graduate Assistant	500.00
F. D. Abbotts	Graduate Assistant	500.00
Andrew E. Roper	Graduate Assistant	500.00
Lloyd C. Swallow	Graduate Assistant	500.00
Donald S. Villars	Graduate Assistant	500.00
Helen L. Wikoff	Graduate Assistant	500.00
	Student Assistant	250.00
	Student Assistant	250.00
	Student Assistant	250.00
	Student Assistant	250.00

\$ 61,300.00

CIVIL ENGINEERING

C. E. Sherman	Professor	\$ 5,000.00
C. T. Morris	Professor (half time)	2,500.00
F. H. Eno	Professor	3,600.00
J. R. Burkey	Substitute Professor (half time)	1,950.00
R. C. Sloane	Assistant Professor	3,000.00
J. R. Shank	Assistant Professor	3,000.00
J. C. Merrell	Instructor	2,000.00
F. C. Brown	Instructor	2,000.00
C. H. Wall	Instructor	1,500.00
	Summer Camp 1922-23	1,300.00

\$ 25,850.00

ELECTRICAL ENGINEERING

F. C. Caldwell	Professor	\$ 4,000.00
C. A. Wright	Professor	3,500.00
R. A. Brown	Assistant Professor	2,250.00
A. F. Puchstein	Assistant Professor	2,250.00
J. E. Shepardson	Assistant Professor	2,000.00
K. D. Price	Assistant	1,000.00
Robert Hughes	Assistant	1,800.00
	Radio Operator	1,000.00
	Shop Helper	860.00
William Glakin		720.00

\$ 18,880.00

ENGINEERING DRAWING

Thomas E. French	Professor	\$ 5,000.00
Robert Meiklejohn	Professor	3,200.00
O. E. Williams	Assistant Professor	3,000.00
W. D. Turnbull	Assistant Professor	3,000.00
C. L. Svenson	Assistant Professor	3,000.00
W. B. Field	Assistant Professor	2,500.00
Ralph Paffenbarger	Instructor	2,400.00
Ralph W. Dunkle	Instructor	1,600.00
James W. Reed	Instructor	1,600.00
Floyd K. Martin	Assistant	1,100.00
Tecla F. Haldy	Assistant	1,250.00
Allen J. Smith	Student Assistant	300.00
Francis I. Rataiczak	Student Assistant	300.00
Thomas N. Finical	Student Assistant	800.00
John Rannels	Student Assistant	800.00
George Q. Downes	Student Assistant	300.00
	Instructor	1,500.00
	Instructor	1,500.00
	Instructor	1,500.00

\$ 33,650.00

INDUSTRIAL ARTS

W. A. Knight	Professor	\$ 3,000.00
C. M. Beem	Instructor	1,800.00
U. W. Denman	Instructor	1,700.00
J. A. Foust	Instructor	1,700.00
Rudolph Schneider	Instructor	1,800.00
P. L. Wright	Instructor	1,600.00

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Harold Wright	Instructor	1,700.00
Ora L. Justice	Shop Assistant	1,260.00
Oscar D. Rickley	Assistant	1,600.00
	Instructor	1,300.00
	Foundry Helper	960.00

\$ 18,420.00

MATHEMATICS

R. D. Bohannon	Professor	\$ 4,000.00
	Professor	6,000.00
H. W. Kuhn	Professor	3,500.00
S. E. Rasor	Professor	3,250.00
G. W. McCoard	Professor	2,000.00
C. C. Morris	Professor	2,500.00
C. L. Arnold	Associate Professor	3,000.00
John B. Preston	Assistant Professor	1,800.00
Grace M. Bareis	Assistant Professor	2,000.00
Hortense Rickard	Instructor	2,000.00
James H. Weaver	Assistant Professor	2,500.00
Van B. Teach	Instructor	1,800.00
Vaughn Caris	Instructor	2,000.00
Margaret Jones	Instructor	1,800.00
Clarice Hobensack	Instructor	1,800.00
Harry Beatty	Assistant Professor	2,000.00
	Graduate Assistant	500.00
	Instructor	2,500.00

\$ 44,950.00

MECHANICAL ENGINEERING

William T. Magruder	Professor	\$ 4,500.00
F. W. Marquis	Professor	3,750.00
C. A. Norman	Professor	3,600.00
Horace Judd	Professor	3,000.00
Aubrey I. Brown	Assistant Professor	2,750.00
Paul Bucher	Assistant Professor	2,400.00
Karl W. Stinson	Instructor	2,100.00
Fay A. Dunn	Instructor	1,750.00
R. H. Wasson	Instructor	1,900.00
J. J. Davis	Machinist	1,520.00
R. L. Pratt	Stationary Engineer	1,520.00
George Richey	Laborer	900.00
H. M. Jacklin	Instructor	2,000.00
John Q. Harshman	Assistant	1,200.00
Samuel R. Beitler	Assistant	1,500.00
	Instructor (January to July)	1,050.00
Charles F. Marvin	Assistant	1,200.00

\$ 36,640.00

MECHANICS

James E. Boyd	Professor	\$ 4,250.00
E. F. Coddington	Professor	4,000.00
Percy W. Ott	Assistant Professor	2,650.00
	Instructor (Spring Quarter)	500.00

\$ 11,400.00

METALLURGY

D. J. Demorest	Professor	\$ 4,250.00
W. A. Mueller	Assistant Professor	2,500.00
J. O. Lord	Instructor	1,500.00

\$ 8,250.00

MINE ENGINEERING

Frank A. Ray	Consulting Director	\$ 1,000.00
Harry E. Nold	Professor and Head	3,000.00
H. D. Decker	Instructor	1,500.00

\$ 5,500.00

MINERALOGY

W. J. McCaughey	Professor	\$ 3,500.00
	Student Assistant	300.00

\$ 3,800.00

PHYSICS

A. D. Cole	Professor	\$ 4,500.00
R. F. Earhart	Professor	3,500.00
Howard D. Minchin	Professor of Applied Optics	3,000.00
Alpheus Smith	Professor	4,000.00
F. C. Blake	Professor	3,750.00
H. G. Heil	Assistant Professor	2,600.00
D. A. Woodbury	Instructor	2,100.00
Alva W. Smith	Assistant Professor	2,400.00
John S. Ward	Instructor	1,700.00
C. W. Jarvis	Instructor	1,900.00
Fred J. Brooks	Assistant	1,700.00
M. C. Davies	Instructor in Applied Optics	2,000.00
E. F. Lowry	Instructor	2,100.00
J. B. Sparrow	Assistant Custodian	1,200.00
John Rose	Assistant	900.00
Tadashi Fujimoto	Assistant	900.00
	Graduate Assistant	500.00
		<u>\$ 38,750.00</u>

Total for College of Engineering..... \$843,850.00

COLLEGE OF LAW

John J. Adams	Dean and Professor of Law	\$ 6,000.00
Geo. W. Rightmire	Professor of Law	5,500.00
Alonzo H. Tuttle	Professor of Law	5,000.00
Clarence D. Laylin	Professor of Law	5,000.00
Lewis M. Simes	Professor of Law	4,500.00
		<u>\$ 26,000.00</u>

Total for College of Law..... \$ 26,000.00

COLLEGE OF PHARMACY

Clair A. Dye	Dean and Professor	\$ 4,500.00
Clarence M. Brown	Assistant Professor	2,750.00
William S. Stevens	Instructor	2,000.00
	Instructor	1,750.00
Raymond J. Albert	Student Assistant	200.00
Frank D. Brill	Student Assistant	200.00
Nellis G. Christman	Student Assistant	200.00
Kenneth W. Cook	Student Assistant	200.00
		<u>\$ 11,800.00</u>

Total for College of Pharmacy..... \$ 11,800.00

COLLEGE OF VETERINARY MEDICINE

David S. White	Dean and Professor of Veterinary Medicine	\$ 6,000.00
Septimus Sisson	Professor of Comparative Anatomy	4,250.00
Oscar V. Brumley	Professor of Vet. Surgery and Director of Clinics	5,000.00
Leonard W. Goss	Professor of Veterinary Pathology	5,000.00
James D. Grossman	Professor of Veterinary Anatomy	3,000.00
James H. Snook	Professor of Veterinary Surgery	3,000.00
John N. Shoemaker	Assistant Professor Veterinary Medicine	2,700.00
Walter R. Hobbs	Assistant Professor Veterinary Surgery	2,700.00
R. E. Rebrassier	Instructor in Veterinary Pathology	2,400.00
R. A. Hendershott	Instructor in Veterinary Pathology	1,600.00
Mabel E. Moran	Secretary to the Dean	1,200.00
Fay G. Adams	Hospital Clerk	960.00
E. L. Clements	Technician	1,200.00
W. H. Walker	Groom	1,200.00
A. W. Fisher	Groom	1,200.00
		<u>\$ 41,410.00</u>

Total for College of Veterinary Medicine..... \$ 41,410.00

GRADUATE SCHOOL

William McPherson	Dean	\$ 6,000.00
		<u>\$ 6,000.00</u>

Total for Graduate School..... \$ 6,000.00

6-2-'22

**PRESIDENT'S DIVISION
COMMENCEMENT**

Karl H. Hoenig	Director of Music.....	\$ 900.00
		\$ 900.00

LIBRARY

Olive B. Jones	Librarian	\$ 3,000.00
C. W. Reeder	Reference Librarian.....	3,000.00
Maud D. Jeffrey	Reference Librarian.....	2,400.00
Gertrude Kellicott	Accession Librarian.....	2,400.00
Bertha M. Schneider	Head Cataloger.....	2,400.00
Donald Leidigh	Accession Assistant	1,500.00
Alice D. McKee	Cataloger	1,600.00
Dorothy I. Higgins	Cataloger	2,000.00
Alice D. Cruikshank	Cataloger	1,400.00
Harriet N. Townshend	Library Assistant	1,080.00
Ruth Jones	Library Assistant	1,080.00
Ethel M. Miller	Library Assistant	1,200.00
Rita M. Buxton	Library Assistant	1,080.00
Susan Marksbury	Library Assistant	1,400.00
Marie Hopkins	Library Assistant	960.00
Mary E. Bigger	Library Assistant	1,200.00
Helen K. Laughlin	Library Assistant	1,200.00
C. H. Cool	Night Assistant	600.00
Milton O. Lee	Night Assistant	600.00
Mary R. Rinker	Library Assistant	960.00
W. C. George	Check Room Attendant.....	1,440.00
Edna E. Davis	Library Assistant	2,000.00
Miriam R. Beckes	Library Assistant	1,080.00
Adah P. Smith	Library Assistant	1,080.00
Ellen Michael	Library Assistant	960.00
Mary T. Beggs	Library Assistant	1,020.00
Karl D. Way	Library Assistant	360.00
Granville H. Martin	Library Assistant	360.00
Kenyon Campbell	Library Assistant	360.00
Harry S. Bugbee	Library Assistant	360.00
Robert M. Hunter	Library Assistant	360.00
Marion F. Ross	Library Assistant	360.00
Mrs. G. D. Patterson	Library Assistant	360.00
Margaret H. Sturm	Library Assistant	1,800.00
Esther Early Linzell	Library Assistant	720.00
Adelaide Hibbard	Library Assistant	960.00
Oliver Donnenwirth	Library Assistant	780.00

\$ 44,920.00

MILITARY SCIENCE

C. F. Leonard	Commandant	\$ 500.00
Paul Murray	Assistant Professor	250.00
Ralph C. Benner	Assistant Professor	250.00
Frank E. Kauffman	Assistant Professor	250.00
Carl R. Perkins	Assistant Professor	250.00
Wylie T. Conway	Assistant Professor	250.00
Edward C. Hanford	Assistant Professor	250.00
Carlisle B. Cox	Assistant Professor	250.00
Paul H. Barry	Assistant Professor	250.00
Clell B. Perkins	Assistant Professor	250.00
Edward G. Herlihy	Assistant Professor	250.00
Gustav Bruder	Band Leader	500.00
	Colonels—3 @ \$100 each.....	300.00
	Lieutenant Colonels—3 @ \$60 each.....	180.00
	Majors—8 @ \$50 each.....	400.00
	Captains—34 @ \$45 each.....	1,530.00
	First Lieutenants—39 @ \$30 each.....	1,170.00
	Second Lieutenants—31 @ \$20 each.....	620.00
	Band Lieutenant	40.00

\$ 7,740.00

Total for President's Division..... **\$ 87,950.00**

6-2-'22

ADMINISTRATIVE DIVISION PRESIDENT'S OFFICE

W. O. Thompson	President	\$ 10,000.00
Katherine A. Vogel	Executive Clerk	1,800.00
	Stenographer	1,200.00
	Staff Service	1,000.00
		<hr/>
		\$ 14,000.00

BUSINESS MANAGER'S OFFICE

Carl E. Steeb	Sec. of Board of Trustees and Bus. Manager.....	\$ 6,000.00
Arminie L. Shields	Chief Clerk	1,200.00

PURCHASING DEPARTMENT

R. M. Royer	Purchasing Agent	\$ 3,800.00
Edith Sands	Clerk	1,020.00
	Clerk	1,020.00
Helena Sands	Typist	900.00

ACCOUNTING DEPARTMENT

Charles A. Kuntz	Comptroller	\$ 3,000.00
Floris D. Hane	Cashier	1,880.00
Dorothy M. Lewis	Assistant Cashier	1,080.00
Mary Kraus	Auditor	1,800.00
Anna L. O'Rourke	Stenographer	1,080.00
Mary V. Heiser	Typist	960.00
Harriet Needham	Clerk	960.00
Florence Naile	Bookkeeper	1,500.00
Catherine Cottingham	Clerk	960.00
	Stenographer	1,020.00

MAILING DEPARTMENT

Hugh Hardy	Clerk	\$ 1,820.00
G. J. Hoesch	Clerk	1,200.00
Ernest Ford	Mail Carrier	1,200.00

\$ 30,900.00

REGISTRAR'S OFFICE

Edith D. Cockins	Registrar, University Editor and Secretary of the Faculty.....	3,600.00
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REGISTRATION DIVISION

Helen Clarke	Assistant to Registrar	\$ 2,100.00
Esther Funk	Assistant to Registrar	1,260.00
Elizabeth Richards	Assistant to Registrar	1,080.00
	Assistant to Registrar	960.00
	Assistant to Registrar	960.00

RECORD DIVISION

Helen Frame	Recorder	\$ 1,600.00
Bonnie Woodbury	Chief Transcript Clerk.....	1,800.00
Virginia Michel	Assistant to Registrar	1,200.00
	Assistant to Registrar	960.00

SCHEDULE DIVISION

Ethyl Woodbury	Chief Schedule Clerk.....	\$ 1,600.00
Esther Roberts	Assistant to Registrar	1,200.00

STATISTICS DIVISION

Eva M. Coons	Chief Statistics Clerk	\$ 1,400.00
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PUBLICATIONS DIVISION

Clara M. Miller	Assistant University Editor.....	\$ 1,800.00
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\$ 21,020.00

ENTRANCE BOARD

B. L. Stradley	Assistant Professor of Education and University Examiner	\$ 3,000.00
Mary E. Morris	Clerk	1,500.00
Helen F. Powell	Stenographer	960.00

\$ 5,460.00

6-2-'22

DEAN OF WOMEN

Elisabeth Conrad	Dean of Women	\$ 3,500.00
Mary L. Brown	Assistant (Housing Inspector).....	1,800.00
Beatrice Babb	Secretary	1,080.00

\$ 6,380.00

STUDENT HEALTH SERVICE

H. S. Wingert	Director	\$ 3,750.00
E. Marguerite Kutz	Nurse	1,500.00
Maude M. Eckhardt	Stenographer	960.00

\$ 6,210.00

STORES AND RECEIVING

Fred E. Jones	Director	\$ 2,750.00
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\$ 2,750.00

STENOGRAPHIC AND CLERICAL

Alice Moran	Stenographer, Graduate School.....	\$ 1,200.00
M. Helen Pugh	Stenographer, College of Engineering.....	1,020.00
Annette Shugert	Stenographer, Brown Hall.....	960.00
Mary Lahmering	Stenographer, Lord Hall.....	960.00
Nora Peck	Stenographer, Dairying.....	960.00
Lillian Moor	Stenographer, Mechanical Engineering.....	960.00
Alice Gillam	Stenographer, Dairying	960.00
Louise Pitts	Stenographer, Law	960.00
Eleanor K. Fisher	Stenographer, Zoology and Entomology.....	960.00
Dorothy Swan	Stenographer, Military Science.....	960.00
Loretta Meinert	Stenographer, Commerce and Journalism.....	960.00
Besse Neeff	Stenographer, Electrical Engineering.....	960.00
Eloise Terbrueggen	Stenographer, College of Agriculture.....	960.00
Luella Wright	Stenographer, Romance Languages	960.00
Mabel Vesper	Stenographer, College of Engineering.....	960.00
Helen L. Smith	Stenographer, College of Education.....	960.00
Eunice Evans	Stenographer, Botany	960.00
	Stenographer, College of Medicine.....	960.00
Le Evelyn Gillam	Stenographer, College of Medicine.....	960.00
Hazel Monett	Stenographer, College of Homeopathic Medicine..	960.00
Mina Kennedy	Stenographer, Industrial Arts.....	960.00
Treva Siler	Stenographer, Dairying	900.00
Lillian Timmons	Stenographer, College of Education.....	960.00
Marie Combs	Stenographer, English	960.00
Ina D. Shirk	Stenographer, Animal Husbandry	960.00
Gladys Everitt	Stenographer, Psychology	960.00
Mary E. Nangle	Stenographer, Chemistry	960.00
Martha Okey	Stenographer, Horticulture	960.00
Edna G. Hale	Stenographer, Commerce and Journalism.....	960.00
Anne G. Bierman	Stenographer, Physical Education	960.00
Ruth Harrington	Stenographer, Art	960.00
Alberta Williams	Stenographer, Physics	960.00
Helen Shacklett	Stenographer, College of Medicine	900.00
	Stenographer, Educational Research.....	960.00
Alice Malthy	Stenographer, College of Medicine	900.00
Bessie M. Freet	Stenographer, Home Economics	900.00
Marie Hoffman	Stenographer, (half time) Rural Economics.....	480.00
Cecelia Ryan	Stenographer, (half time) Farm Crops.....	480.00
Inez Biddle	Stenographer, (half time) Agr. Chemistry.....	480.00
Cordelia Whitehead	Stenographer, (half time) Agr. Engineering....	450.00
Margaret Rose	Stenographer, (half time) State Street Dispensary	480.00
	Stenographer, (half time).....	450.00
Eulalia Chaney	Stenographer	900.00
	Stenographers—3 @ \$960 each.....	2,880.00
Marian McComas	Stenographer, Educational Research.....	960.00

\$ 42,180.00

Total for Administrative Division..... \$128,900.00

PHYSICAL PLANT DIVISION
ENGINEER'S OFFICE

Wm. C. McCracken	Supt. of Bldgs. and Grounds and Chief Engineer..	\$ 4,000.00
Earl R. Cohee	Clerk	1,820.00
Claire E. Elk	Stenographer	960.00

\$ 6,280.00

6-2-'22

LIGHT, HEAT, AND POWER

Thomas D. Banks	Superintendent, Power Plant.....	\$ 3,600.00
John P. Co Van	Master Mechanic	2,400.00
W. H. Case	Assistant Chief Engineer.....	1,920.00
Fred Brewer	Engineer	1,800.00
W. D. Hicks	Engineer	1,800.00
R. M. Ronk	Engineer	1,800.00
C. Ashenhurst	Fireman	1,350.00
S. Lowry	Fireman	1,350.00
Walter Ray Allis	Fireman	1,350.00
C. Woodford	Fireman	1,350.00
James H. Gregory	Fireman	1,350.00
	Fireman, 10 months	1,125.00
	Fireman, 10 months	1,125.00
Elmer Crick	Ash Wheeler	960.00
Thomas Scott	Ash Wheeler	960.00
Robert Sams	Ash Wheeler	960.00
John Clark	Ash Wheeler	960.00
J. A. Colvin	Ash Wheeler	960.00
	Ash Wheeler	960.00
Wm. Anderson	Craneman	1,800.00
	Crane Helper	960.00
	Night Craneman, 6 months	540.00
I. C. Reasoner	Blacksmith	1,500.00
Charles Reasoner	Helper to Blacksmith	1,140.00
George E. Shepherd	Steam Fitter	1,920.00
James Mack	Steam Fitter	1,800.00
Earl H. Myers	Steam Fitter's Helper	1,260.00
George Dillahunt	Electrician	1,860.00
Earl Achey	Assistant Electrician	1,600.00
C. T. Fippin	Assistant Electrician	1,500.00
Lawrence Mack	Wiper	1,080.00
B. A. Le Bay	Boiler Repair Man	1,500.00
A. O. Kaiser	Auto Mechanic and Helper.....	1,680.00
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		\$ 48,220.00

BETTERMENT OF BUILDINGS

John Kraner	Carpenter	\$ 1,920.00
E. I. Martin	Carpenter	1,740.00
Philo Felker	Carpenter	1,740.00
	Carpenter	1,740.00
R. C. Kaiser	Plumber	2,400.00
W. H. Beck	Plumber	1,680.00
	Plumber	1,800.00
E. Inscho	Plumber's Assistant	1,620.00
James A. Huff	Plumber's Assistant	1,260.00
H. E. Truxall	Painter	1,500.00
Max Lehman	Painter	1,320.00
James Brain	Painter	1,260.00
Walter Shott	Painter	1,300.00
H. R. Johnson	Tinner	1,600.00
Charles G. Kalb	Truck Driver	1,000.00
Paul Davis	Painter	960.00
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		\$ 24,840.00

ROADS AND GROUNDS

Earl Bilderback	Foreman of Campus.....	\$ 1,620.00
Frank Funk	Arborator	1,200.00
John Rhone	Teamster	1,080.00
J. Fredo	Laborer	1,080.00
L. Stewart	Laborer	1,080.00
J. Hobert	Laborer	1,080.00
J. Stainbrook	Laborer	1,080.00
C. W. O'Hara	Laborer	1,080.00
A. Chesbro	Laborer	1,080.00
Robert Farrel	Laborer (Cadillac Driver).....	1,140.00
Leo Moran	Truck Driver	1,020.00
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		\$ 12,540.00

POLICE AND WATCHMEN

William North	Day Policeman	\$ 1,350.00
H. S. Brown	Night Policeman	1,260.00
C. F. Reasoner	Supervisor of Watchmen	1,200.00
H. B. Case	Night Watchman	1,200.00
Alphonso Case	Night Watchman	1,200.00
T. P. Glidden	Night Watchman	1,200.00
C. D. Case	Night Watchman	1,200.00
O. D. Conaway	Night Watchman	1,200.00
J. T. Daniels	Night Watchman (retired)	480.00
W. F. Mahaffey	Night Watchman (retired)	480.00

\$ 10,770.00

JANITORS

John O'Rourke	Inspector Buildings and Janitors	\$ 1,500.00
C. M. Hicks	Repair and Handy Man	1,200.00
Wm. Mutchmore	Custodian Medical Buildings	1,200.00
Wm. Penn	Janitor	1,140.00
W. M. Stahl	Janitor	1,140.00
Wm. Daehler	Janitor	1,140.00
Harry Chantler	Janitor	1,140.00
John Tordiff	Janitor	1,140.00
A. D. Grayson	Janitor	1,140.00
S. A. Williams	Janitor	1,140.00
R. M. Moore	Janitor	1,140.00
George C. Denny	Janitor	1,140.00
Oliver Smith	Janitor	1,140.00
L. F. Jordan	Janitor	1,140.00
J. C. Ludlum	Janitor	1,140.00
W. Curry	Janitor	1,140.00
William Pohle	Janitor	1,140.00
Dan Brock	Janitor	1,140.00
Robert Petrie	Janitor	1,140.00
Olaf Christensen	Janitor	1,140.00
J. R. Butler	Janitor	1,140.00
Ernest Long	Janitor	1,140.00
L. S. Hitchcock	Janitor	1,140.00
C. M. Shelton	Janitor	1,140.00
Wm. Rickner	Janitor	1,080.00
Forest Spencer	Janitor	1,140.00
Frank McCarty	Janitor	1,140.00
John O. Kimbrough	Janitor	1,140.00
Elmer E. Smith	Janitor	1,140.00
C. A. Hopkins	Janitor	1,140.00
J. E. Kimbrough	Janitor	1,140.00
G. R. Pettibone	Janitor	1,140.00
Elmer McDowell	Janitor	1,140.00
M. Murphy	Janitor	1,140.00
Robert Hebron	Janitor	1,140.00
John M. Wallace	Janitor	1,140.00
Edward Watson	Janitor	1,140.00
W. W. Smith	Janitor	1,140.00
Floyd Grayem	Janitor	1,140.00
Richard Brandon	Janitor	1,080.00
M. N. Cook	Janitor	1,080.00
J. W. Brown	Janitor	1,080.00
George Hooley	Janitor	1,080.00
James Merrill	Janitor	1,080.00
E. J. Nutt	Janitor	1,080.00
C. A. Hoppler	Janitor	1,080.00
William Wallace	Janitor	1,080.00
Louis Trotter	Janitor	1,080.00
James Gormley	Janitor	1,080.00
James Ragland	Janitor	1,080.00
	Janitor, Pomerene Hall	1,080.00
	Janitor, Pomerene Hall	1,080.00
	Janitor, Chemistry Building	1,080.00
	Janitor, Research Building	1,080.00
	Janitor, Brown and Physics Buildings	1,080.00
Clara Derflinger	Janitress	750.00
Lou Cornett	Janitress	750.00
Jessie Haney	Janitress	750.00
Elizabeth Rourke	Janitress	750.00

6-2-'22

Charlotte Thum	Janitress	750.00
	Janitress	750.00
Jennie Farrel	Janitress	720.00
Mary Powers	Matron, Rest Room	720.00
M. S. Harvey	Elevator Man	660.00

\$ 68,790.00

LAUNDRY

Myrtle Faught	Laundress	\$ 1,080.00
Bert Faught	Laundress	800.00
Dolly Gray	Laundress	750.00
Edna Culbertson	Laundress	750.00
Emma Munyan	Laundress	750.00
	Laundress	750.00

\$ 4,880.00

UNIVERSITY ARCHTECT

J. N. Bradford	University Architect	\$ 3,700.00
H. F. Reichard	Chief Draftsman	2,880.00
C. F. Mayer, Jr.	Draftsman	2,500.00
Paul E. Crider	Draftsman	2,100.00
A. H. Mickey	Superintendent of Construction	1,500.00
Coletta Kelly	Clerk	1,500.00

\$ 15,180.00

UNIVERSITY CHEMIST

D. J. Demorest	University Chemist	\$ 500.00
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\$ 500.00

Total for Physical Plant Division..... \$192,000.00

GRADUATE SCHOOL

Errett C. Albritten	Fellow	\$ 500.00
Ralph V. Bangham	Fellow	500.00
William H. Charch	Fellow	500.00
Warren W. Cox	Fellow	500.00
Erwin A. Esper	Fellow	500.00
Thome H. Fang	Fellow	500.00
Roy I. Grady	Fellow	500.00
Albert Hartzell	Fellow	500.00
William V. Huston	Fellow	500.00
Donald B. Anderson	Scholar	300.00
Raymond A. Dobbins	Scholar	300.00
Alden H. Emery	Scholar	300.00
Mary H. Fretto	Scholar	300.00
Rudolph H. Helle	Scholar	300.00
Robert M. King	Scholar	300.00
Claud R. Neiswander	Scholar	300.00
Diathea C. Scholl	Scholar	300.00
William C. Skelley	Scholar	300.00
Dwight H. Stevenson	Scholar	300.00
Waid W. Tuttle	Scholar	300.00
Josephine I. Wuebben	Scholar	300.00

\$ 8,100.00

HOSPITALS

Interne, St. Francis Hospital	\$ 150.00
Interne, St. Francis Hospital	\$ 150.00
Interne	150.00
Interne	150.00

\$ 600.00

PUBLIC HEALTH AND SANTATION

Two District Nurses	\$ 900.00
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\$ 900.00

Total A-3 Budget \$ 9,600.00

6-2-'22

ROTARY DIVISION GRADUATE SCHOOL

Carl W. Holl	Fellow (Du Pont)	\$ 750.00
Gordon D. Patterson	Fellow (Grasselli)	750.00

STORES AND RECEIVING RECEIVING DEPARTMENT AND GENERAL STORE

F. E. Jones	Director (part salary)	\$ 250.00
James Lawson	Checking Clerk	1,400.00
Blanche Sullivan	Clerk	1,400.00
Earl Conway	Stock Clerk	1,400.00
Mabel Clum	Clerk and Typist	1,080.00
Henrietta Lahmering	Clerk	960.00
Charles Pugh, Jr.	Truck Driver	960.00
A. A. Hathaway	Janitor	1,140.00
Oliver Schwartz	Truck Driver	1,200.00
J. R. Remy	Tool Room Keeper	1,140.00
D. R. Masters	Small Animal Keeper	1,140.00
		<hr/>
		\$ 12,070.00

LABORATORY SUPPLY STORE

C. W. McClintock	Storekeeper	\$ 2,400.00
H. W. Miller	First Assistant	1,800.00
	Second Assistant	1,200.00
	Third Assistant	1,080.00
Clara Fleischer	Clerk	960.00
	Clerk	900.00
H. L. Allison	Laborer	1,200.00
L. S. Gormley	Assistant (In charge new branch)	1,600.00
	Fifth Assistant	1,200.00
R. B. Leonard	Glass Blower	1,800.00
	Pharmacist for State and Park Streets	1,400.00
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		\$ 15,540.00

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The President presented the following budget for the Girls' Dormitories for the coming year, payable out of the receipts from said dormitories, with the recommendation that the same be adopted. Upon motion, the President's recommendation was agreed to and the budget for the Girls' Dormitories for the year ending June 30, 1923, was approved and unanimously adopted.

Josephine Matthews	House Superintendent	\$ 2,000.00
Mary Dilworth	Night Chaperon	1,500.00
Mary Warner	Housekeeper	360.00
	Housekeeper, Mack Hall	900.00
	Director of Commons	1,500.00
Relia Friend	Cook	840.00
Rose Gruber	Cook	780.00
	Cook	780.00
	Housemaid	480.00
	Housemaid	480.00
	Houseman	960.00
	Kitchen maids—4	1,920.00
	Kitchen Maid	480.00
		<hr/>
		\$ 12,980.00

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Thereupon, the Board adjourned to meet June 12, 1922, 7:00 p. m., at the University.

Attest:

CARL E. STEEB,
Secretary

T. C. MENDENHALL,
Vice-Chairman

OFFICE OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

Columbus, Ohio, June 12, 1922.

The Board of Trustees met at the University at 7:00 p. m., pursuant to adjournment.

Present: John Kaiser, Chairman; T. C. Mendenhall, L. E. Laybourne, O. E. Bradfute, B. F. McCann, J. F. Cunningham.

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Upon the recommendation of the University Faculty, it was ordered that the following degrees be conferred by the President of the University on Commencement Day, June 13, 1922:

DOCTOR OF PHILOSOPHY

Clyde Stewart Adams, B.S. (Denison University), M.Sc.; Walter Valentine Balduf, B.A. (Ohio Wesleyan University), M.Sc.; Richard Bradfield, A.B. (Otterbein College); William Byron Brown, A.B. (University of California); Jacob Cornog, A.B. (University of Oregon); Dwight Moore DeLong, B.S. (Ohio Wesleyan University), M.Sc.; Herbert Lawrence Dozier, B.Sc. (University of South Carolina), M.Sc. (University of Florida); Dennis Edward Haley, B.Sc. in Agr., M.Sc. (Pennsylvania State College); Lawrence Lester Huber, B.Sc. in Agr., M.Sc.; Andrew Karsten, A.B. (Hope College), M.A.; Jasper Dean Sayre, B.A., M.Sc.; Walter Scott, B.S., B.A. (Valparaiso University), M.A. (Yale University); Herbert Spencer, B.S. in Agr.; M.S. in Agr. (North Carolina State College).

MASTER OF ARTS

Donald Benton Anderson, B.A., B.Sc. in Edu.; Mary Auten, A.B. (Bluffton College); Minona Elizabeth Bauer, B.Sc. in Edu.; Theodore N. Beckman, B.Sc. in Bus. Adm.; Murl Milton Berry, A.B. (Baldwin-Wallace College); Forest Ira Blanchard, B.A., B.S. in Econ. (University of Pittsburgh); Elsworth Vachel Bowers, Ph.B. (Otterbein College); Orton Wells Boyd, B.A.; Ralph Saul Broede, A.B. (Ohio Northern University); Paul Herman Buck, B.A.; Clarence Crawford Coontz, B.Sc. in Edu.; Paul Tillson Copp, B.A.; Edward James Cristy, A.B. (University of New Mexico); James Edgar Davis, B.A. (Muskingum College); Perry Perdue Denune, A.B. (Hiram College); Albert Alden Doty, B.Sc. in Edu.; Amy DeEtte Dunn, B.Sc. in Social Service; Karl Theodore Finn, B.A.; Mildred Fisher, B.A.; Earl Daymond Gabler, B.Sc. in Edu.; Emery Marcus Gentry, B.S. (Fisk University); Clarence Louis Frank Gohdes, A.B. (Capital University); George Nelson Graham, B.A.; Raymond Leonard Grismer, A.B. (University of Vermont); George Donovan Groves, B.A. (Ohio Wesleyan University); Herbert J. Guinsler, B.A. (Ohio Wesleyan University); Anne Dorothy Habekost, A.B. (Miami University); Mary Eileen Hannon, B.Sc. in Edu.; George Whiting Hibbitt, B.A., B.Sc. in Edu.; Joseph H. Hixson, B.Sc. in Edu.; Wayne Leslie Hopkins, B.A.; Eudora Huffman, B.A., B.Sc. in Edu.; Henry Gordon Hullfish, B.A. (University of Illinois); Lucian Francis Hunt, B.S. (Coe College); Leon Percy Irvin, B.A. (Mercer University); Harold Edward Israel, A.B. (Miami University); Robert Joseph Kane, B.A.; Florence Marjorie Knapp, B.A.; Lois Langstaff, B.Ph. (Denison University); Grace Linder,

B.A. (University of Illinois); Charles Lloyd McKillip, A.B. (Miami University); Clarence Alter March; William Gottlieb Meinke, B.S. in Edu. (Ohio University); Elizabeth Lowndes Moore, B.A.; Mary Jane Morris, B.S. in Edu. (Ohio University); Antoinette Pauline Noel, B.A. (Ohio Wesleyan University); Woodford W. Peters, A.B. (Manchester College); Anna Polkowski, B.A. (University of Illinois); Oliver Leslie Reiser, B.A.; Frieda Hastings Ribov, B.Sc. in Edu.; Bernice Sanders, A.B. (Wilberforce University); Harold Finebrock Schory, B.A.; Fred Cletis Slager, B.S. (Ohio Northern University); John Franklin Smith, A.B. (Otterbein College); Wilmah Spencer, B.A., M.A. (Cedarville College); Helen Virginia Terry, B.A., B.Sc. in Edu.; Josiah Gaddis Vance, B.A.; Harry Hull Vannorsdall, B.S. in Edu. (Ohio Northern University); Clair Lown Wilcox, B.S. in Econ. (University of Pennsylvania); Henry Loudon Wilson, B.A.; Josephine Idiene Wuebben, A.B. (Ohio University).

MASTER OF SCIENCE

Leonard Thomas Capell, B.Ch.E.; Ram Chandra Chowdhary, B.A. (Benares Hindu University); Helen Clarke, B.Sc. in H.E. (Colorado Agricultural College); Richard Andrew Crawford, B.A.; Clifford Reginald Cutright, B.A.; Raymond Anson Dobbins, B.A.; Harriet Louise Durand, B.Sc. in Pharm.; Gaylord Beale Estabrook, B.Sc., Ch.E. (Purdue University); Selwyn Bright Ewing, B.Sc. in Agr.; Lucille Isabelle Fischer, B.A.; Anthony George, B.A.; Robert Stewart Hanson, B.A.; Eugene Harry Heller, A.B. (Marietta College); Elbert Dung Wui Ho, B.S. in Civil Engr. (University of Hawaii); George Preston Hoff, B.A.; Hobart McKinley Kraner, B.Cer.E.; Lois Lampe, B.Sc. in H.E., B.A.; Mendel Elmer Lash, B.A.; Pyungtoo William Lee, B.A. (Ohio Wesleyan University); En Fon Lee-Toma, B.S. in Sugar Technology (University of Hawaii); Harry Keen Linzell, B.Ch.E., B.A.; Tien-Chen Liu, B.S. in C.E. (Government Institute of Technology); Dexter Nathaniel Lutz, B.Sc. in Agr.; John Dorman McBurney, B.S. (Muskingum College); Robert Nathaniel McCormick, B.S. (Muskingum College); Chloie Daugherty McGlinchay, B.Sc. in Edu.; Agnes Sommer Merritt, B.A. (Hunter College of City of New York); August Edward Miller, B.Sc. in Agr.; Thomas Aquin Moormann, A.B. (University of Cincinnati); Mont Francis Morgan, B.Sc. in Agr. (West Virginia University); Theunis Johannes Naude, B.Sc. (University of South Africa); Frederick Henry Waldemar Noll, B.A. (The State University of Iowa); Robert Ambrose Osborn, B.S. (Ohio Northern University); Donal Bruksieker Pheley, B.C.E.; Marion Capps Reed, B.S. (Kansas State Agricultural College); Mitsugi Satow, B.Sc. (Hokkaido Imperial University), B.Sc. in Agr.; Grace Mansfield Seifried, A.B. (University of Cincinnati); Leland Edson Starr, D.V.M.; Walter Lee Turner, Jr., B.S. (Virginia Polytechnic Institute); George Henry VanderBorgh, A.B. (Hope College); Helen Landman Wikoff, B.A.; Norman Emme Woldman, B.S. (Case School of Applied Science); Mary Elvira Wurdack, B.A.; Young Sun Yun, B.Sc. in Agr.

MASTER OF SCIENCE IN PUBLIC HEALTH

Harry Reber Beery, B.A. (Chicago University), M.D. (Rush Medical College).

BACHELOR OF SCIENCE IN AGRICULTURE

Harold Griffith Alberty, Walton Norwood Glover Alcorn, Raymond Elmer Alders, A.B. (Hiram College); Robert William Barr, John

Glenn Bates, Orville Leasure Baughman, Earl Augustus Bauman, Hugh William Baumgardner, Norman Robert Bear, Burton Fouts Bingham, Harold Marteen Bishop, Israel Park Blauser, B.A.; Arthur Oliver Bower, Walter May Buchanan, Walter George Burwell, Daniel William Buskirk, Carlton Fuller Christian, Chih Sen Chu, Stuart Constable, Walter Bitler Copeland, Willis Forrest Corcoran, Harvey Stewart Crass, Raymond Evans Daniels, James Bruce Davison, George Edmund Dix, Dalton D. Dowds, John Levi Egbert, A.B. (Hiram College); Walter Philip Elhardt, Homer Robert Fisher, Walter Jones Fordyce, Roy Bireley Foureman, James Edward Frew, Herman Henry Gaebel, Neal Gillam, James Garvin Glass, Glenn D. Greek, Pryor Timmons Harmount, Ellis Leroy Hawk, Benjamin Parker Hess, William Jennings Himes, Ira Seymour Hoddinott, Frederick William Hoen, Harold Bennire Holden, James Ink, Melvin Ellsworth Jackman, Harley Rober Jones, William Kauffman, Otto Claire Kline, Herman Julius Krohm, Jr., Edwin Richard Kuck, Chester Charles Lang, Rowland Woodhams Laughlin, Ralph Edwin Lock, John Arthur McCalmont, Lewis David McClure, Francis Graham McCollister, Eugene Cecil McDonald, Carl Willard McElwain, Herbert Tanner Marshall, Harvey Robert Martin, Joseph John Mattus, John Willard Matz, Eugene Howard Miller, Theodore Richard Newell, Willis Bernard Noble, Francis Wendell Paddock, Albert Finch Peterson, Willard Russell Peterson, Samuel Avery Porter, Willard Hamilton Potter, Henry Lorain Reed, B.S. (Mt. Union College); Homer Clay Richardson, William Frank Rofkar, Ulric Coburn Roush, Harry Brogotti Rowland, Atsushi Sato, Irwin Leroy Saveson, George Jacob Schmidt, Clyde Foster Shackson, Loren Patton Shaw, Arthur Hastings Smith, Raymond Vinson Smith, Walter Wilbur Smith, Ross Leland Snyder, Robert Hugh Spiers, Whitney Bowman Stout, Robert Cheyne Strachan, Fred McGue Thrall, George W. Timmons, Earl Byron Tussing, William Ralph Vanlandingham, Herbert Henry Varney, Hoy William Wagner, Robert Barton Warner, Irvin Hoffman Weaver, Walter Frederick Weaver, Howard Mitchell Wells, Gilbert William Wernicke, William Neal Wilkerson, Harry Dana Williams, Harold Newton Wilson, Lucien Harrel Woodhouse.

BACHELOR OF SCIENCE IN HOME ECONOMICS

Thirza Gladys Ault, Helen Lynn Baker, Phoebe Annanette Blue, Marion Rosella Boggs, Frances Emerson Bradbury, Dorothy Louise Butterworth, Eleanor Elizabeth Clark, Zula May Dowler, Beatrice Blanche Evans, Jeannotte Francis, Beulah Electa Graber, Glenna Arcola Henderson, Irene Hoppe, Eva Jeanne Louise Fair Huffman, Helen Lavon Huffman, B.A., B.Sc. in Edu.; Alice Highes, Helen Inboden, Vivian DeVera Ink, Anna Elizabeth Kaiser, Ina Beatrice Kiehl, Lucile Olivia Lichtensteiger, Mary Adelaide Lintner, Mary Vastine Lunn, Pearl McGlashan, Margaret Elizabeth Macy, Gladys Evelyn Martin, Margaret Helen Merickel, Rose Fay Miller, Marjorie Anne Minnich, Mary Louella Moore, Edith Rymer Nida, Martha Eby Pollard, Susan Roof, Eldred Ruffner, Masie Catherine Schoger, Eunice Louise Schrock, Margaret Theora Snider, B.A.; Florence Mary Steiger, Mary Stewart Taylor, Zola Crystal Towe, Margaret Marian Walker, Ursula Ambrose Wangler, Margie Jane Webster, Sylvia M. Whinnery, Ruth Louise White, Darlene Edna Willis, Marion Emeline Worcester, Dorothy Elizabeth Wright, Florence Fern York, Florence Minerva Young, Hoylande Denune Young.

BACHELOR OF ARTS

Harold Francis Adams (with distinction), Mary Catherine Adams, James Lionel Alloway (with high distinction), Gladys Amlin, Hayward Mechling Anderson, Mary Louise Arnett, Leslie Jacobs Arnold, Dorothy Kathryn Axline (with distinction), Georgea Alden Backus, William Zacharias Bair, Philip Wolff Baker, John Bakos, Deborah A. Barack, Galen Floyd Basinger, Frank Victor Bayer, Ethel Mildred Beck (with distinction), Carl Joseph Beckert, Helen Louise Beecher (with distinction), Irene Beery, Dorothy Manning Bennett, Irena Turney Bigelow, Boyd Cline Bly, John King Boardman, Ruth Margaret Bootes, Robert Rownd Booten, Lorenz Byron Bowman, Dorothy Elaine Boyd, Dorothy May Boyd, Verna Mae Boyle, John Lucius Breeze, Samuel Bronsky, Elizabeth Melvina Brown, David Tarbell Buchanan, Margaret Burke (with distinction), Dorothy Louise Butterworth, Mary Elizabeth Byers, Lucile Capelle, Samuel Frederick Cary, Walter Williams Chamblin, Jr., Miriam Page Cherry, Chang-Tong Walter Chu, A.B. (Cedarville College); George Dewey Clark, Elizabeth Beck Clemenger, Mildred Louise Cline, Oscar Ludlum Coddington, Mildred Lucille Coen, Joseph Leo Conrad, Clare Eckard Cook, Helene Corzilius (with high distinction), Ruth Alice Cox, Martha Elizabeth Crum (with high distinction), Eloise Fribley Dann, Martha Darby, Louise Ellsworth Davis, Ruth Ellsworth Davis, Maude Antoinette Dickinson, Ruth Elise Dubois, Russell Everett Duke, Mary Elberfeld Dumont, Irvine Mitchell Dungan, Robert Thomas Dunn, Linden Forest Edwards, Ethel Baucher Evans, Katherine Mary Ferris, Carl Louis Fischer, Emily Lenore Fleming, Mary Ruth Ford, Ferryl Foster, George M. Froian, Huston Fenn Fulton, Mildred Gardner, Leon Milton Garrette, Jacob Alphonsus Gherlein, Jr., Margaret Wilhelmina Gibbs, Beatrice Gilham, Helen Marion Gilmore, Vivienne Goll, Harry Leroy Gray, Glenn D. Greek, Ralph Harrison Greenbaum, Sara Madge Grubb, Elizabeth Grace Guerin, Ralph Henry Hagelbarger, William John Hannum (as of the Class of 1921), Harlan Henthorne Hatcher (with high distinction), J. Wesley Hatcher, Helen Hazelton, Ione Lillian Hazen, Catherine Gertrude Hendrickson, Olive White Higgy, (as of the Class of 1921), Helen Adelaide Hopkins, Ruth Eve Hornish, Helen Lenore Hubbard, Iolas Melitus Huffman, William Leser Huske, Robert Bellenden Bennett Hutcheson, Clayton Darius Hutchins, Howard Linton Hyde (with high distinction), Ruth Jelen, Margaret Florence Johnson, Deane Brewster Judd (with distinction), Katherine Spillman Judd, Ada Bess Kahler, Elsie Beulah Kemery, Helen Geddes Ketcham, Abe Sam Kohn, Adele Frances Koos, Virginia Dolores Krier, Lena Marie Lane, Ruth Laughlin, Walter Jennings Leppert, Hyman Lieberman, McKinley London, Luis Ventus Lopez, David Tod Gillam Lum, Mary Vastine Lunn, Donald Baker McColm, Arthur Jewett McCullough, Donald Edward McGuire, Stella Irenemma Maile, James Raymond Manak, Donald David Martens, John Joseph Martin, Winfred Lycurgus Martindale, Greta Elizabeth Mason, Robert Tussing Mason, Gertrude White Mayne, Thelma Mench (as of the Class of 1921), Benjamin Menzes (with distinction), Mariam Lillian Merton, Ruth Metters, Mardig Manoug Mihigian, Mabel Miller (as of the Class of 1920), Richard Ambrose Mills, Marie Mirvis, Howard Thomas Mitchell, Chandler Hersman Montgomery (with distinction), Leona Mae Moorehouse, Helen Estella Mull, Mildred Beatrice Neal, Lester Emanuel Neff, Claud Revere Neiswander (with high distinction), Stebelton Henry Nulle (with distinction), John Hugh O'Harra, Harold Malcolm Oster, Mary Eliza-

beth Overholt (as of the Class of 1921), Marie Vernone Packer, Virginia Parry (as of the Class of 1921), Margery Aikin Passmore, Gertrude Elizabeth Patton, Richard Kenneth Pearson, Thomas Ernest Pemberton, Marcia Louise Pembroke, Louisa Butler Perin, Morris Henry Phillips, Robert Thomas Pollard (with high distinction), Elizabeth Agnes Pool, Mary Agnes Pusateri, John Henson Ralls (with distinction), Eleanor Irene Rauch, Thelma Jane Reed, Harry Louis Reinhart, Alice Wilda Renick, Harold Smith Rice, Fred Richard Roehm, Andrew Earl Roper, Hobart Ernest Rowlands, Margaret Blanche Ryder, Henry Melville Sayre, George Jacob Schmidt, Diatheia Centuria Scholl, Freda Anna Schulz, Norman Clarence Schwenk, Lucille Marjorie Scott, Henry Clay Segal (with distinction), Lewis Andrew Seikel, Beryl Weston Sharer, Jay Emerson Sharp, Clarence Byron Sheller, Mary Louise Shockey (with distinction), Ruth Jeanette Shollenbarger, Joseph Clarence Shouvin, William Sheldon Shrieves, Samuel Silverman (with distinction), Ruth Elizabeth Skimming, Cecilia Elizabeth Slawik (with distinction), Elizabeth Keith Smith, Charles Conrad Snyder, Anna Lougeay Springer, Wilmer McClure Stevenson, Wayne Edwin Stichter (with distinction), Julius Frederick Stone, Jr., Christine Jeanette Sulzer, Diana Taylor, Katharine Colmery Taylor, William Adrian Thomas, Erma Amelia Tilton, Luella May Tilton, Frances Timmons (with distinction), Lucile Todd, Helen Vail, Alta Van Benschoten, Katherine Marcella Varley, Margaret Frances Varley, Harry Michael Veh, Verdi Maurine Watson, Karl Duren Way, Rosina Kahn Weiler, Peter Jaeger Weiss, Annie Eunice Wells, Kathryn Louise White, Lowell Orval White, Mildred Harriet White, Stanley Laurence Whiteside, Mabel Elogeanne Wickham, Helen Eugenia Williams, Dorothy Wilson, James Holton Wilson, Janice Margaret Wilson, Malvern Wilson, Wanda Frame Wilson, Hugh Carlile Winbiger, Evelyn Arminda Winters, Maxwell Emil Wolgamot, Frank Bennett Woodland, William Heermans Wright (with high distinction), Washington Walker Wyatt, Charles Russell Younger, Chin-Chang Yuan.

BACHELOR OF SCIENCE

Scharrold McKinley Adams, Sylvester Louis Agnone, Roland Devere Bateman, Harry Everett Chalker, Harold Warner Davis, Moses Dolganos, Leland Stanford Evans, Merritt Mathew Gibson, Walter Harold Hamilton, Richard Lincoln Hane, Jesse Myron Hays, Raymond Thomas Holzbach, Willis Herbert Huron, Kenneth Joseph Kemp, Theodore Charles Kless, Oscar Adair Lashley, John William Laufersweiler, Robert Mayclim Lemmon, Vernon Scott Lilly, Emil Julius Meckstroth, Charles Werner Mueller, Cyril Edward Myers, Louis Myer Piatt, Harry Clay Powelson, John Egnew Schrider, Edwin Andrew Seifert, George James Thomas, Jacob Allen Ziskind.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Frank Ayers, Rob Roy Bangham, Lee DeForest Beechy, Ralph Adam Beers, Cecil Alsan Bennett, Verne McKinley Bingham, Max Murray Bridgman, Charles Lawrence Brobst, Edward George Burns, Jr., Victor Frank Cada, Joseph Camden Clark, Harold Nash Cole, Richard Sinclair Cott, George Kenower Cunningham, Clyde Griffith Davies, Earl Sylvester Dearth, Lucian Jayson DeMore, Ellwood Oakley Dille, Fred Leon Donnally, Balthasar Bernard Eisenhauer, Edgar Bernhardt Eisle, Elmer Ethan Eiler, Isabel Van Fossen Evans, Harold

Fischer, Donald Alfred Fisher, Robert Norpell Frickey, Russell Vause Giffin, Donald White Glenn, Gerald Linas Grant, Harkness Gould Hard, Waldron John Hargitt, Walter Emmett Harney, Edwin Woolard Harris, Howard Everett Hawk, Julian Alfred Hawk, Harold Mann Holman, Giles Nelson Hoover, George Kuo-Hsiang Huang, Marie Naomi Hurlebaus, Paul Sherman Jackson, William Boyd Kegg, Wayne William King, Howard Cleo Kuhnle, Robert Philip Lindmiller, B.S. (Case School of Applied Science); Russel Edmund Lyons, Roger Loren Makemson, Stanley Edward Martin, Ralph Alfred Metzger, Elra Norris Miller, James Koehl Miller, Loyal Hawkins Mortley, Seibert Woodbury Mote, Nelson John Neubig, George Thomas Owston, Robert Dean Patton, Leslie John Paxson, Smith Lester Rairdon, Ralph Hare Richards, Harry Wallace Scannell, Carl Julius Schoenfeld, Saul Samuel Schonberg, George Edward Schroth, Jr., Frank Leonard Schwecheimer, Earl Eugene Sebring, Abraham L. Segal, Harry Arnold Shaw, Milton Otis Shaw, Harley Foster Sheaffer, Edmund Landon Siegrist, Henry John Siegwarth, Roland Diehl Smith, Weldon H. Smith, Carl Edward Solomonson, Clifford Wilson Southwick, Milferd Aaron Spayd, Laurence Starr Staples, Lauer Whitmer Stephenson, Charles Wesley Swormstedt, Charles Andrew Taylor, Lowell Staadt Terrill, Olin Eugene Thomas, Earl William Tite, Edgar Elmer Vance, Charles Robert Weaver, Morgan Emerson Williams, Leo Clark Wilson, Donald Williams Wiper.

BACHELOR OF SCIENCE IN JOURNALISM

Harold Corbin Blakeslee, Waldo Prentiss Brown (as of the Class of 1921), Carrol Irwin Burtanger, Bernice Naomi Copeland, Ruth Marie Juve, Ralph Snyder McFeely, Philip Wiley Porter, Harold Wetherholt.

BACHELOR OF SCIENCE IN SOCIAL SERVICE

Anna Elvira Sutter Brenfleck, Albert Curtiss, Ruth Ellsworth Davis, Katharine Jane Dunn, Ruth Doretta Fledderjohann (as of the Class of 1921), Rose Leah Greenstein, Helen West Hart, Jean Kellenberger, Tillie Eda Neubig, Josephine Stephens Rudy, Frances Leona Segal, Helen Elizabeth Sykora, Virginia Elliott Thompson, Lucille Wise, Miriam Elinor Zinn.

DOCTOR OF DENTAL SURGERY

Elmer Matthew Bins, Richard W. Branfield, Marcus Augustus Buck, Russell Harold Dines, Harold Lorenz Dute, J. Manley Foster, Robert Henry Gehring, Homer Milo King, Milton Stanley Leidner, Arthur Elliott Luckart, Leon Charles Monks, Leroy John Monks, Richard Dudley Robinson, Henry Frederick Sachs, Andrew Senich, Howard Jacoby Smith, William Vernon Walton, Jr.

BACHELOR OF SCIENCE IN EDUCATION

Mary Catherine Adams, Lucile Almendinger, Mildred Martha Babbitt, Elinor Julia Barnes, Helen Cecilia Barr, Ella Mae Blakeney, May Augst Blanchard, B.S. (University of Pittsburgh), B.A.; Verna Mae Boyle, Anne Bradbury, Gladene Lucile Brewer, Gertrude Brown, Alta Bullard, Harold Livingston Collins, Joseph Leo Conrad, Elizabeth Marie Cott, Mildred Adah Cowell, Pearl Mae Danback, Mary Josephine Eberly, Roscoe Huhn Eckelberry, Beatrice Bessie Edmiston, Margaret Lucile Eichhorn, Flora Louise Elliott, Elizabeth Evans, Ethel Baucher Evans, Leota Catherine Fitzpatrick, Martha Mildred Fleming, B.Sc. (Dom. Sci.), Gaylord Austin Folk, Opha John Gerwig, Jacob Alphonsus

Gherlein, Jr., Beatrice Gilbert, Elsie Gluck, Vivienne Goll, Audrey Margaret Golladay, Albert Elza Gower, Raymond Gillette Guthrie, Maud May Haley, Carmen Adelaide Hambleton, Herschel Albert Hamlin, Frances Hannan, Helen Pauline Harris, Mary Jeanette Heagy, Catherine Gertrude Hendrickson, Margie Ovilla Hensell, Mildred Mae Horton, Clayton Darius Hutchins, Margaret Florence Johnson, Katherine Olivia Jones, Lillian Mary Jones, Violet Lillian Kern, Louise Amelia Ketterer, Ruth Vivian Kline, Hollis Marie Lenhart, Floyd Eugene Lentz, James Bryan Lepley, Marie Lowenstein, Dorothy Lynn McCullough, Jacob Daniel McKinley, A.B. (Rio Grande College); Helen Marie McVicker, B.A. (as of the Class of 1921); Notley Sinclair Maddox, Emilie Caroline Maier, Oliver Clayton Martin, B.A.; Helen Lenore Mason, Thelma Elizabeth Matheny, Lillian Elizabeth Meloy, Mary Elizabeth Moler, Charlotte Elizabeth Moore, Cleo Meta Moore, Margaret Jane Moore, Dorothy Cornelia Nicholson, Lucile Isabelle Norris, Elsie Mae Palmer, Louisa Butler Perin, Martha Jane Peterman, Mary Agnes Pusateri, Elma Lucille Rains, Bertha Mary Rice, Lorna Maude Richard, Edgar Christopher Roberts, Fern Hunter Robinson, Sophia Elizabeth Roess, Sedonia Rotan, Morris Brown Sanford, B.Sc. in Agr.; Diathea Centura Scholl, Anna Rolfe Seeley (as of the Class of 1921); Velma Fashoda Shaffer (as of the Class of 1921); Dorothy Mae Siebert, Eva Jane Smith, Charles Conrad Snyder, Genevieve Taylor, Belva Tucker, Mabel Gertrude Turner, Caroline Tyler, Ruth Marie Veth, B.A., Minna Louise Volk, Gertrude Edythe Weagly, Helen Louise Weinman, Ralph Leon Wilkerson, Birdia Mae Williams, Edith Mae Williams, Marie Owen Williams, Marion Bertram Woodward.

BACHELOR OF ARCHITECTURE

Moses Phillips Halperin, Lester Kilgore (as of the Class of 1913), Milton Smith Osborne.

BACHELOR OF ARCHITECTURAL ENGINEERING

Samuel Frederick Albrecht, Jr., Louis Edgar Albright, William Frederick Breidenbach, Loren Glenn Brock (as of the Class of 1918), Calvin Harman Cool, Marion King Hindman, Robert Alan Lewis, John Patrick Macelwane, Merle Thompson Orr, Frank Edward Whitehouse.

BACHELOR OF CERAMIC ENGINEERING

Earl Roy Curry, Arthur Leland Donnenwirth, Harry Emmett Ebright, Ralph Edward Hanna, Richard Samuel Kane, Donald Miles McCann, Corwin Ross Minton, Burnette Purcell, Willard Stief, Buhel Edward Whitesell.

BACHELOR OF CHEMICAL ENGINEERING

Warren Jay Baker, Jr., Rodney Allison Bell, Benjamin Blumenthal, Horace Brooks Cooke, Klahr Alfred Cover, Curtis Franklin Eagle, Ferdinand Peter Fischer, Robert James Gotter, Robert Franklin Heald, Paul Randolph Hines, Webster Bice Kay, Lehr Flynn Kissling, Walter Jacob Klaiber, Roland Meredith Kohr, Clarence Alter March, Victor Ross Morris, Harold George Osborne, Chang Yuen Pang, Clarence Alexander Ritchie, Irvin Constantine Staeuble, James Holton Wilson, Wallace Elijah Wing.

CIVIL ENGINEER

John Milton Heffelfinger, Jr., B.C.E.

BACHELOR OF CIVIL ENGINEERING

Thomas Hieatt Baker, Ben Karl Bare, Herbert Aloice Brentlinger, Christian Ehrenfried Burckel, Harold George Collins, Harold Glenn Dill, Charles Peter Essman, Gordon Eugene Evans, Thomas Nelson Finical, Laurel Cheney Gibbs, John Joseph Heier, William Henry Johnston, Raymond Witmer Kehr, Robert Lester Keller, John Leuty McClellan, Otho Walter Merrell, Walter Stephen Nugent, Robert Bieser Prinz, Paul Joseph Roberts, Tyrell Moore Robinson, Sidney Rockoff, William Morrow Ruddicks, Elon John Salsinger, Elzie Jerome Staton, Benton Hubert Swearingen, Paul Mecartney Swingle, Walter Benjamin Vick.

BACHELOR OF ELECTRICAL ENGINEERING

Leo Dosch Barley, Roy Leo Brown, Eugene L. Caldwell, Earl Kirkwood Clark, George Dewey Clark, Charles Dell Creamer, Charles Hindman Cross, John Byron Dickson, Ronald Frank Emch, Fred Joseph Harbaugh, Ellery Irving, Raymond Hetzel Kaspar, Stanley Mack Lawthers, Walter Frederick Libben, Carl Jacob Linxweiler, Fay Douglas Lloyd, Walter Ernest Metzger, David Sands, Robert Rogers Sheely, Joe Osmond Sherrard, James Clarence Steffan, Lorin Goodhue Ulm, Kenneth West, B.A.; Arthur Glenn Wise, B.A. (Wittenberg College); Richard Heath Wood.

BACHELOR OF ENGINEERING

Edwin Peele Arthur, Ralph Herbert Ayers, Boyd Orlando Bach, Charles Kingsley Bradley, B.A.; Harold Stone Crooks, Herschel Kenneth Dingey, Creamus McGlouthen Evans, Harry David Foster (as of the Class of 1920), Russell Hunter Foster, Russell Herris Fry, William Dean Moorhead, Edward Ellsworth Morris, Gerald Joseph Mulligan (as of the Class of 1921), Chalmer Donaldson Snyder, George Whitney Sower, Ottmer John Stallkamp, Arthur Windett.

BACHELOR OF MECHANICAL ENGINEERING

Carl Orville Baker, Byron Frank Bower, Clarence John Braun, Earl Eugene Bright, Carroll James Cobb, Vincent Marion DeMello, Wayne Mechling Dornbierer, Sterling Thomas Douth, Oscar Edward Falter, Robert Newbold Feicht, Walter Edward Franz, Paul Eugene Frederick, Harold Donovan Gibson, Adam William Hast, Jr., Fred Bruce Henry, John Taylor Hobensack, Richard Henry Hunter, Chester Butler Isaac, John Morris Jervis, Ralph Eugene Kaiser, Frank Lester Knowles, Leroy George Leichner, Hyman Levine, Joseph Brigham Lindecker, Charles Duncan McCall, Thomas Malone Magruder, B.S.; Charles Frederick Marvin, Jr., William Andrew Morrison, Trenton Odell Price, Clarence Job Robinson, Edward Hanson Boos, Eulogio Cucio Tolentino, Cornelius John Tracy, Chester Harvey Wachalec, Donald McKinney Wallace, William Gordon Wheeler, Victor Neighbor Yingling, Samuel Herman Yost.

BACHELOR OF METALLURGICAL ENGINEERING

Clement William Alspach, James Russell Collier, Harold C. Harrison, Clifford Earl Thompson.

ENGINEER OF MINES

Leopoldo Faustino, B.E.

BACHELOR OF ENGINEERING IN MINING

Lawrence Barber Bennett, William Earle Clark, Raleigh Maine Edgar, James Donald Kerr, Samuel Oldham Linzell, B.A.; Harry Lincoln Porter, Jr., Albert Edgar Savey.

BACHELOR OF SCIENCE IN APPLIED OPTICS

William Jesse Briggs, Jr., Morgan Cryder Davies, Cert. in App. Optics; Robert Benson Gordon, Clarence Walter Morris, Kenneth Ginn Smith.

DOCTOR OF MEDICINE (HOMEOPATHIC)

Scharrold McKinley Adams, David John Bradley, Benjamin Goldberg, George Russell Henshaw, E. Edwin Rakestraw, Horace Edwin Reed, Harry G. McCabe Stack.

JURIS DOCTOR

Robert Miller Hunter, B.A. (Ohio Wesleyan University); Horace Steele Keifer, B.A. (Williams College).

BACHELOR OF LAWS

Carl Franklin Allenbaugh, Rodney Brown Baldwin, B.A.; Alfred Marion Barlow, B.A. (Rio Grande College); Frank Victor Bayer, Henry Fowler Beeler, Wesley Howe Brackney, B.A. (Ohio Wesleyan University); Edward Peter Buckenmyer, B.A.; Harry Siering Bugbee, B.A.; Kenyon Stafford Campbell, B.A.; William Peter Coyle, B.A.; Ralph Raeburn Cross, B.A. (Indiana University); Clarence Jefferson Crossland, B.A.; Sam Duetsch, Edmond Whitney Dillon, James Edward Donohoe, James Baxter Evans, A.B. (Amherst College); Wayne Humphrey Fogle, Markley Frankham, B.A.; Emanuel Richard Ginsburg, Leonard Elliott Ginsburg, Abraham Greenspun, John Clayton Harlor, B.A.; Richard Hains Hildebrant, David Everett Jones, B.A.; Harold Lee Kime, B.A.; Harold Edwin Kuhn, B.A.; James Ferdinand Logsdon, B.A.; Harry James Miller, B.A.; Aubrey Reck Moul, B.A.; George Dewey Nye, John Raymond Pierce, Charles William Racine, B.A.; Harry Benson Reese, Paul Lambert Selby, Altha Elmer Simmons, Everett Ellsworth Simpson, B.A.; William Valentine Slyker, Alonzo Everett Snyder, Ph.B. (University of Akron); Kenneth Thomas Stevens, John Perry Teeple, Emerson Carl Wagner, Forest Eugene Weinrich, Raymond Andrews Younger, B.A.

DOCTOR OF MEDICINE

Sylvester Louis Agnone, Ward McGovern Athey, B.Sc.; Nelson LeRoy Barnett, B.A.; Albert Raymond Burkhart, B.A.; Leland George Coe, B.Sc.; Joseph Henry Cowan, B.Sc.; William Francis Drake, B.A.; Chester George Egger, Ph.G. (Toledo University), B.Sc.; Paul Schenck Fishbaugh, Mabel Ensworth Goudge, B.A., A.M. (Dalhousie University), Ph. D. (Cornell University); Walter Harold Hamilton, John Martin Hiss, B.Sc.; William Blake Hutchinson, Jr. B.A. (Western Reserve University); Max Philip Kanter, B.Sc.; Maurice Milton Linder, B.Sc.; Gordon Frederick Meuser, B.Sc.; James Charles Peel, B.Sc.; Hudson Frederick Ross, B.Sc.; Loy Curtner Schiff, B.Sc.; George James Searle, Jr. B.Sc.; Julius Shamansky, B.Sc.; Charles Francis Shonk, B.Sc.; Clifford Bright Snider, B.Sc. in Agr., B.A.; Constantine Christofer Solomonides, Jean David Spaid, B.Sc. in Edu., B.A., M.A.; Joseph Stanley Stevens, B.A.; Aaron Dewey Vogelsang, B.Sc.; George D. Williams, B.A.; Julien Harmon Wilson, B.Sc.

CERTIFICATE IN PUBLIC-HEALTH NURSING

Maude Dolby.

BACHELOR OF SCIENCE IN PHARMACY

Raymond Joseph Albert, Frank Dewey Brill, Ralph Howard Crombie, Ralph Waldo Horrman, M.D., Frank John George Kern, William Samuel Landau, Suie Lew, Lawrence Franklin Liebig.

DOCTOR OF VETERINARY MEDICINE

Walter Robert Baynes, B.S. (North Carolina State College); Leonard Melvin Bilden, Moses Moore Dew, B.S. (North Carolina State College); Frederick Emmet Ducey, B.S. (North Carolina State College); Denton Henry Eastman, Irmeo Imperial Exconde, Guillermo Fajardo, Charles Cumming Fish, Pearl Clifford Fletcher, William August Hirsch, Paul Wilson Jones, Claude William King, Earl Bulger Leneker, Hugh McKinley Lovett, Robert Lowell McClarren, James Russell Merrick, Carroll Leroy Miller, Graham Clement Monroe, B.S. (North Carolina State College); Arthur William Munson, Creighton Reason Nunn, Sobey Okuyama, Carl August Pleuger, Francis Howard Powers, Knowlton Thomas Redfield, Earle Franklin Sheffield, Harry Clarence Stamen, Sydney Franklin Stapleton, Yoshihei Takehara, Edward Glass Trigg, Leonard Roy Twete, Benjamin Richman Wade, Seth Thomas Walton, B.S. (North Carolina State College); Samuel Ray White, Victoriano Madrid Zaratan.

CERTIFICATE OF PHARMACEUTICAL CHEMISTRY

Meek Gladden Ault, Helen Berko, Walter Dean Black, Lewis Benjamin Bowman, Clara Elizabeth Bryant, Carl Brewster Cotner, Hyman Deckelbaum, David Edward Eckert, Benjamin Joseph Gladstein, Spotwood McKinley Greene, Bella Gross, Ray Edward Hersh, Jacob Walter Imberman, John Barclay Israel, Henry Allen Koontz, Merit Ray Lehman, Howard Swayne Lindsay, Henry Paul Mone, Adrian Lester Morgan, LaVerne Morrison, Alan Posner, Joseph Prilutzky, Alice Lucile Ritchie, Henry Rosen, Nathan Harold Schwartz, Thaddeus Paul Sieg, Stuart Clifford Spangler, Paul Eugene Todd (as of the Class of 1921), Carl Gustave Ulmschneider, Nettie Irene Wooley.

The President presented a communication from the Trustees of the Protestant Hospital Association dated June 7, 1922, asking an interpretation of the letter written May 15, 1922, by Dean McCampbell to Superintendent Stephan of the Protestant Hospital Association.

The President was directed to advise the Trustees of the Protestant Hospital Association that the action as proposed by Dr. McCampbell had not been acted upon or authorized by the Trustees. Dr. McCampbell regarded the situation in the hospital as critical and an emergency. The Trustees of the University are, however, disposed to regard Dr. McCampbell's letter of May 15, 1922, to Superintendent Stephan as a recommendation to them which they are inclined to approve and adopt. The President was further directed to advise the Trustees of the Protestant Hospital that, if they still desire a conference, the University Trustees will be pleased to meet them Monday, June 19, 1922, 2:30 p. m., at the University.

The President reported that he was not now ready to make definite recommendation on the proposed division of the Department

of Physical Education, but recommended the appointment at this time of Miss Ethel C. Scofield, Assistant Professor, at a salary of \$2400 per year, effective July 1, 1922. On motion, the recommendation of the President was agreed to.

Upon the recommendation of the President, the Secretary was authorized to execute on behalf of the Board of Trustees a lease with Ira Blanchard for the property known as 215 West Eleventh Avenue, said property to be used as a Practice House for the Department of Home Economics, the rental to be \$75.00 per month, effective July 1, 1922. The Trustees also authorized the rental of furniture from the Phi Upsilon Omicron Sorority at the rate of \$35.00 per month, all of said expense to be paid from an appropriation of \$2000 for the Practice House which has been provided for in the Smith-Hughes budget for the year 1922-1923. The President recommended further that the lease of the house at 75 West Eleventh Avenue be not continued. Upon motion, the above recommendations of the President were agreed to.

Upon the recommendation of the President, the following additional draftsmen were appointed for service in the University Architect's office:

F. E. Whitehouse who has been giving half time changed to full time draftsman. Salary \$175.00 per month. Service to date from June 15.

William F. Breidenbach, draftsman. Salary \$140.00 per month. Service to date from June 15, 1922.

Russell M. Krob, draftsman. Salary \$125.00 per month. Service to date from June 15, 1922.

Upon the recommendation of the President, the following resignation was accepted and the balance ordered not cancelled, the position being held open:

Name	Title	Date Effective	Annual Rate	Cancellation
George A. Wood	Assistant Professor, American History	July 1, 1922	\$2,500.00	

Upon the recommendation of the President, the following appointments were made, and the necessary amounts appropriated to meet the salaries in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Appropriation
<i>College of Agriculture</i>				
Everett C. Haughn	Assistant, Agr. Engr. (temporary)	July 1, 1922	\$ 92.50 per mo.	\$1,110.00
Merle S. Klinck	Assistant, Agr. Engr. (temporary)	Aug. 1, 1922	70.00 mo.	770.00
Virgil Overholt	Asst. Professor, Agr. Engineering	July 1, 1922	275.00 mo. for 2 mos.	550.00
Lawrence L. Huber	Instr., Entomology (for summer term)	June 15, 1922	650.00 for term	Budget
Claud R. Neiswander	Assistant, Zoology and Ent. (for summer term)	June 15, 1922	300.00 for term	300.00
Robert N. McCormick	Graduate Asst., Zoology and Ent.	July 1, 1922	500.00	Budget
Linden F. Edwards	Graduate Asst., Zoology and Ent.	July 1, 1922	500.00	Budget
Julia W. Jaster	Graduate Asst., Zoology and Ent.	July 1, 1922	500.00	Budget

Name	Title	Date Effective	Annual Rate	Appropriation Budget
Frank M. Hull	Graduate Asst., Zoology and Ent.	July 1, 1922	500.00	Budget
Edna L. Patterson	Graduate Asst., Zoology and Ent.	July 1, 1922	500.00	Budget
<i>College of Commerce and Journalism</i>				
Norval N. Luxon	Editor-in-Chief, Lantern	Oct. 1, 1922	500.00	Budget
Albert A. Bowman	Business Manager, Lantern	Oct. 1, 1922	500.00	Budget
<i>College of Homeopathic Medicine</i>				
Louise J. Harrod	Supervisor, Pediatrics	June 1, 1922	900.00	Budget
Nora DeLashmutt	Night Supervisor	June 1, 1922	840.00	Budget

* * * * *

Upon the recommendation of the President, the title of Wencel J. Kostir, Instructor in Zoology and Entomology, was changed to Assistant Professor and his salary was increased from \$2300.00 to \$2500.00

* * * * *

Upon the recommendation of the President, the title of Walter C. Kraatz, Assistant in Zoology and Entomology, was changed to Instructor.

* * * * *

Upon the recommendation of the President, one position of Graduate Assistant at \$500.00 was cancelled in the Department of Zoology and Entomology, in order to take care of this increase in salary and Mr. Neiswander was appointed at \$300.00, the remaining \$200.00 to be applied to Mr. Kostir's salary.

* * * * *

Pursuant to action taken at the meeting held April 4, 1922, Professor George R. Twiss of the Department of Principles and Practice of Education, was granted leave of absence for two years without salary.

* * * * *

Upon the recommendation of the President, R. D. Bennett was appointed Assistant Professor in the Department of Principles and Practice of Education at \$3200.00, the appointment to be for twelve months. Professor Bennett is to take the place of Professor Twiss, on leave.

* * * * *

The President presented, with recommendation for adoption, the following budget for the Agricultural College Extension Service, for the year ending June 30, 1923. This was unanimously adopted:

* * * * *

THE OHIO STATE UNIVERSITY
AGRICULTURAL COLLEGE EXTENSION SERVICE

SOURCES OF INCOME

1922-1923

State Appropriation.....	\$191,101.88
Smith-Lever Fund.....	176,106.99
Supplementary Extension Fund.....	52,668.07
Regular U. S. D. A. Fund.....	8,700.00
Institute Funds from Counties.....	15,400.00
Total.....	\$443,976.39
County Agent Funds from Counties.....	148,800.00
Grand Total.....	\$587,776.39

PROJECT NO. 1—ADMINISTRATION

	Smith-Lever Federal	State	Supp. Ext. Fund	Supp. Ext. Fund Offsetting	Not Offsetting State	County
<i>Personnel, etc.</i>						
H C. Ramsower,						
Salary	\$ 1,400.00	\$ 3,600.00				
Expenses	700.00					
Geo. B. Crane, salary..	1,800.00	2,300.00				
Orleta Ansel, salary...		1,020.00				
Tessa Webb, 2/3 time..	800.00					
H. L. Fackler, salary..		1,500.00				
<i>Office Supplies</i>						
Small Printing.....	3,000.00				\$ 1,000.00	
Stationery.....	800.00					
Office Supplies.....		500.00				
Correspondence-course Supplies.....					300.00	
Postage.....	200.00	1,000.00				
Photographs.....		200.00				
Express and Freight..	300.00					
Communication.....	700.00	500.00				
Educational Supplies..		300.00				
<i>Equipment</i>						
Office.....	500.00	300.00				
Educational.....		500.00			2,000.00	
Automobile.....	300.00					
<i>Materials</i>						
Motor Supplies.....	600.00					
General Plant.....					100.00	
Repairs.....		50.00				
<i>Publications</i>						
J. E. McClintock,						
Part salary.....	1,200.00					
Russell Lord, salary...	1,800.00	2,000.00				
Expenses					400.00	
Ethel M. Cadley, salary		2,280.00				
C. E. Wilson, salary..	2,600.00					
Gertrude Klein, salary.		1,140.00				
Carrie Beach, salary...	1,080.00					
Mildred DePue, salary.		960.00				
J. A. Bond, salary....	1,260.00					
Berdie Bell, salary....	840.00					
Student Labor, Chart making, etc.....	500.00				500.00	
<i>Printing and Distribu- tion of Publications</i>						
Printing Bulletins....	7,500.00				1,500.00	
Cuts.....	800.00					
Labor of Mailing.....	1,000.00					

6-12-'22

	Smith-Lever Federal	State	Supp. Ext. Fund	Supp. Ext. Fund Offsetting	Not Offsetting State	County
<i>Contingent Fund</i>						
Reserve Fund for						
Transfers.....	2,768.06					
Totals.....	81,448.06	\$18,500.00			\$ 5,800.00	
Total for Project No. 1.....						\$55,398.06

PROJECT NO. 2—COUNTY AGENTS

<i>Personnel, etc.</i>						
*\$1500						
O. M. Johnson, salary.		\$2,700.00				
Expenses.....		800.00				
District Supervisor,						
Salary.....	\$ 600.00	8,000.00				
Expenses.....		800.00				
W. W. Brownfield, salary.....	8,600.00					
Expenses.....		800.00				
*\$1200						
G. R. Eastwood, salary		2,400.00				
Expenses.....		800.00				
Teresa Russell, salary.	1,080.00					
Conferences.....	1,940.00					
<i>County Agents</i>						
J. R. Allgyer, salary..	800.00	800.00		\$ 900.00		
Travel in County....				600.00		
O. H. Anderson, salary		1,600.00		900.00		
Travel in County....				600.00		
S. L. Anderson, salary		1,600.00		900.00		
Travel in County....				600.00		
H. L. Andrew, salary.		1,600.00		900.00		
Travel in County....				600.00		
M. A. Bachtell, salary	800.00	800.00		900.00		
Travel in County....				600.00		
M. V. Bailey, salary..		1,600.00		900.00		
Travel in County....				600.00		
W. S. Barden, salary.	800.00	800.00		900.00		
Travel in County....				600.00		
R. R. Barker, salary..		1,600.00		900.00		
Travel in County....				600.00		
W. S. Barnhart, salary		1,600.00		900.00		
Travel in County....				600.00		
H. F. Benton, salary..		1,600.00		900.00		
Travel in County....				600.00		
G. E. Boltz, salary....		1,600.00		900.00		
Travel in County....				600.00		
R. J. Bugbee, salary..	800.00	800.00		500.00		
Travel in County....						
R. A. Cave, salary....		1,600.00		650.00		
Travel in County....				600.00		
C. F. Class, salary....		1,600.00		900.00		
Travel in County....				600.00		
H. P. Curtis, salary...	800.00	800.00		900.00		
Travel in County....				600.00		
F. S. DeLashmuth, salary.....		1,600.00		900.00		
Travel in County....				600.00		
R. F. Donnan, salary..		1,600.00		900.00		
Travel in County....				600.00		
D. D. Dowds, salary...		1,800.00				
Travel in County....	100.00			500.00		
G. A. Dustman, salary		1,600.00		900.00		
Travel in County....				600.00		
L. M. Evans, salary...		1,600.00		900.00		
Travel in County....				600.00		
C. G. Fieldner, salary.		1,600.00		900.00		
Travel in County....				600.00		
L. W. Finley, salary...	1,600.00			600.00		
Travel in County....				600.00		
Miscellaneous Exp...				218.07		
					\$	81.93

6-12-'22

	Smith-Lever Federal	State	Supp. Ext. Fund	Supp. Ext. Fund Offsetting	Not Offsetting State	County
T. B. Foster, salary...		1,600.00		900.00		
Travel in County....				600.00		
E. A. French, salary...		1,600.00		900.00		
Travel in County....				600.00		
W. F. Gahm, salary...		1,600.00		1,400.00		
Travel in County....				600.00		
R. W. Gardner, salary		1,600.00		900.00		
Travel in County....				600.00		
R. H. Halderson, salary		1,600.00		900.00		
Travel in County....				600.00		
F. S. Hagy, salary....		1,600.00		900.00		
Travel in County....				600.00		
E. W. Hawkins, salary		1,600.00		900.00		
Travel in County....				600.00		
J. C. Hedge, salary....		1,600.00		900.00		
Travel in County....				600.00		
A. F. Hedges, salary...		1,600.00		900.00		
Travel in County....				600.00		
R. E. Helt, salary....		2,200.00				
Travel in County....	100.00			500.00		
S. R. Heffron, salary..		1,600.00		900.00		
Travel in County....				600.00		
W. J. Hendrix, salary..		1,600.00		900.00		
Travel in County....				600.00		
G. F. Henning, salary..		1,600.00		900.00		
Travel in County....				600.00		
J. D. Hervey, salary..		1,600.00		900.00		
Travel in County....				600.00		
M. L. Howell, salary..		1,600.00				2,400.00
Travel in County....						600.00
W. D. Hunnicutt, sal- ary.....	800.00	800.00		900.00		
Travel in County....				600.00		
L. A. Kauffman, salary		2,300.00				
Travel in County....						500.00
T. C. Kennard, salary..		2,000.00				
Travel in County....	100.00					500.00
O. R. Keyser, salary..	2,000.00					
Travel in County....						
H. A. Lehman, salary..		1,600.00				900.00
Travel in County....						600.00
H. S. Lewis, salary....		1,600.00				900.00
Travel in County....						600.00
C. M. Lough, salary....		1,600.00				900.00
Travel in County....						600.00
C. C. Lowe, salary....	1,600.00	900.00				
Travel in County....		600.00				
F. Lower, salary.....	1,600.00					600.00
Travel in County....						600.00
R. H. Martin, salary..	2,500.00					
Travel in County....	100.00					500.00
G. W. Miller, salary..	1,600.00	900.00				
Travel in County....		600.00				
R. E. Moser, salary....		900.00	\$ 1,600.00			
Travel in County....		600.00				
R. W. Munger, salary..		900.00	1,600.00			
Travel in County....		600.00				
G. C. Musgrove, salary		900.00	1,600.00			
Travel in County....		600.00				
D. S. Myer, salary....		900.00	1,600.00			
Travel in County....		600.00				
J. C. Neff, salary.....		900.00	1,600.00			
Travel in County....		600.00				
A. A. Olsen, salary....			1,600.00			1,400.00
Travel in County....						600.00
M. M. Phillips, salary..			1,600.00			1,300.00
Travel in County....						600.00
F. S. Prince, salary....		900.00	1,600.00			
Travel in County....		600.00				
E. R. Raymond, salary			1,600.00			900.00

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	Smith-Lever Federal	State	Supp. Ext. Fund	Supp. Ext. Fund Offsetting	Not Offsetting State	County
Travel in County....						600.00
E. H. Reed, salary....		800.00	800.00			900.00
Travel in County....						600.00
G. O. Reed, salary....			1,600.00			900.00
Travel in County....						600.00
H. J. Ridge, salary....	1,600.00					900.00
Travel in County....						600.00
J. J. Riggle, salary....			1,600.00			900.00
Travel in County....						600.00
H. Rogers, salary....			1,600.00			900.00
Travel in County....						600.00
E. M. Rowe, salary....			1,600.00			900.00
Travel in County....						600.00
C. E. Rowland, salary....			1,600.00			900.00
Travel in County....						600.00
G. K. Rule, salary....			1,600.00			900.00
Travel in County....						600.00
F. Sandhammer, salary....	1,600.00					900.00
Travel in County....						600.00
J. P. Schmidt, salary....			1,600.00			900.00
Travel in County....						600.00
C. M. Senn, salary....	1,600.00					800.00
Travel in County....						600.00
Miscellaneous Exp....						100.00
C. R. Shumway, salary....			1,600.00			900.00
Travel in County....						600.00
E. C. Sleeth, salary....			1,600.00			900.00
Travel in County....						600.00
H. A. Stevens, salary....	1,600.00					1,400.00
Travel in County....						600.00
Miscellaneous Exp....						500.00
W. E. Stone, salary....			1,600.00			900.00
Travel in County....						600.00
S. B. Stowe, salary....			1,600.00			900.00
Travel in County....						600.00
P. H. Teal, salary....			1,600.00			900.00
Travel in County....						600.00
C. F. Tom, salary....			1,600.00			400.00
Travel in County....						100.00
E. D. Turner, salary....	800.00	800.00				900.00
Travel in County....						600.00
J. D. Van Houten, salary....			1,600.00			400.00
Travel in County....						600.00
T. A. Wheeler, salary....			1,600.00			400.00
Travel in County....						600.00
K. T. Woodward, salary....			1,600.00			400.00
Travel in County....						600.00
R. Wylie, salary....		800.00	800.00			
Travel in County....						
Clinton County.....		1,600.00				1,500.00
Licking County.....			1,600.00			1,500.00
Cuyahoga County.....		1,600.00				1,500.00
Additional Counties—						
Five.....	2,400.00	2,400.00				1,500.00
*U. S. D. A.—\$2,700.00						
Totals.....	\$32,920.00	\$95,600.00	\$43,200.00	\$52,668.07		\$53,181.93
Total for Project No. 2.....						\$280,270.00

PROJECT NO. 3-A

DEMONSTRATIONS BY MEANS OF SPECIALISTS IN FARM CROPS

<i>Personnel, etc.</i>		
W. E. Hanger, salary....	\$	3,600.00
Expenses.....		700.00
Earl Jones, salary....	\$	3,350.00
Expenses.....		700.00
E. P. Reed, salary....	3,500.00	

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	Smith-Lever Federal	State	Supp. Ext. Fund	Supp. Ext. Fund Offsetting	Not Offsetting State	County
Expenses.....		700.00				
Cecelia Ryan, $\frac{1}{2}$ salary	480.00					
Members of Department Expenses.....					\$ 100.00	
Totals.....	\$ 8,080.00	\$ 5,000.00			\$ 100.00	
Total for Project No. 3-A.....						\$13,180.00

PROJECT NO. 3-B
DEMONSTRATIONS BY MEANS OF SPECIALISTS
IN AGRICULTURAL ENGINEERING

<i>Personnel, etc.</i>						
Virgil Overholt, salary	\$ 3,800.00					
Expenses.....		\$ 700.00				
W. P. Miller, salary...	2,800.00					
Expenses.....		700.00				
H. E. Twitchell, salary	1,900.00					
Cordelia Whitehead, $\frac{1}{2}$ salary.....	450.00					
Members of Department Expenses.....					\$ 100.00	
Totals.....	\$ 9,150.00	\$ 700.00			\$ 100.00	
Total for Project No. 3-B.....						\$9,950.00

PROJECT NO. 3-D
DEMONSTRATIONS BY MEANS OF SPECIALISTS IN HORTICULTURE

<i>Personnel, etc.</i>						
R. B. Cruickshank, Salary.....	\$ 3,600.00					
Expenses.....		\$ 700.00				
F. H. Beach, salary...	3,200.00					
Expenses.....		700.00				
Francis Carlisle, $\frac{1}{2}$ sal.	480.00					
Members of Department Expenses.....					\$ 100.00	
Totals.....	\$ 7,280.00	\$ 1,400.00			\$ 100.00	
Total for Project No. 3-D.....						\$8,780.00

PROJECT NO. 3-E
DEMONSTRATIONS BY MEANS OF SPECIALISTS IN ANIMAL HUSBANDRY

<i>Personnel, etc.</i>						
J. W. Wuichet, salary	\$ 3,000.00					
Expenses.....		700.00				
Paul Gerlaugh, salary.	\$ 3,400.00					
Expenses.....		700.00				
Isa Hedrick, $\frac{1}{2}$ salary.	450.00					
Members of Department Expenses.....					\$ 100.00	
Demonstrators View Herd.....	500.00					
Totals.....	\$ 4,350.00	\$ 4,400.00			\$ 100.00	
Total for Project No. 3-E.....						\$8,850.00

PROJECT NO. 3-F
DEMONSTRATIONS BY MEANS OF SPECIALISTS IN POULTRY HUSBANDRY

<i>Personnel, etc.</i>						
E. L. Dakan, salary...	\$ 3,200.00					
Expenses.....		700.00				
G. S. Vickers, salary..	\$ 2,750.00					
Expenses.....		700.00				
Isa Hedrick, $\frac{1}{2}$ salary.	450.00					
Members of Department Expenses.....					\$ 100.00	
Totals.....	\$ 3,200.00	\$ 4,600.00			\$ 100.00	
Total for Project No. 3-F.....						\$7,900.00

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**PROJECT NO. 3-G
DEMONSTRATIONS BY MEANS OF SPECIALISTS IN
VEGETABLE GARDENING**

	Smith-Lever Federal	State	Supp. Ext. Fund	Supp. Ext. Fund Offsetting	Not Offsetting State	County
<i>Personnel, etc.</i>						
N. W. Glines, salary..	\$ 1,866.67	\$ 832.33				
Expenses.....		700.00				
Totals.....	\$ 1,866.67	\$ 1,533.33				
Total for Project No. 3-G.....						\$3,400.00

**PROJECT NO. 3-H
DEMONSTRATIONS BY MEANS OF SPECIALISTS IN SOILS**

<i>Personnel, etc.</i>						
Robert Salter, salary..		\$ 3,600.00				
Expenses.....		250.66			\$ 449.34	
Specialist, salary....	2,600.00					
Expenses.....		700.00				
E. E. Barnes, salary..	3,300.00					
Expenses.....	15.00	685.00				
George Valley, salary.					1,500.00	
Inez Biddle, ½ salary.	480.00					
Dorothea Worthing,						
Salary.....	960.00					
Student Labor.....	100.00					
Members of Department						
Expenses.....					100.00	
Totals.....	\$ 8,155.00	\$ 4,535.66			\$ 2,049.34	
Total for Project No. 3-H.....						\$14,740.00

**PROJECT NO. 3-I
DEMONSTRATIONS BY MEANS OF SPECIALISTS IN ENTOMOLOGY**

<i>Personnel, etc.</i>						
T. H. Parks, salary...	\$ 3,600.00					
Expenses.....	700.00					
Stenographer, ½ salary	480.00					
Total.....	\$ 4,780.00					
Total for Project No. 3-I.....						\$ 4,780.00

**PROJECT NO. 3-K
DEMONSTRATIONS BY MEANS OF SPECIALISTS IN PLANT PATHOLOGY**

<i>Personnel, etc.</i>						
Specialist, salary.....	\$ 2,800.00					
Expenses.....	700.00					
Total.....	\$ 3,500.00					
Total for Project No. 3-K.....						\$3,500.00

**PROJECT NO. 4
BOYS' AND GIRLS' CLUB WORK**

<i>Personnel, etc.</i>						
*\$1500						
W. H. Palmer, salary.		\$ 2,500.00				
Expenses.....		700.00				
B. B. Spohn, salary...	\$ 3,400.00					
Expenses.....		700.00				
O. C. Croy, salary....	3,000.00					
Expenses.....	700.00					
Hulda Horst, salary..		2,600.00				
Expenses.....	700.00					
Guy Dowdy, salary....		2,800.00				
Expenses.....	281.93		\$ 418.07			
W. W. Montgomery,						
Salary.....	525.00					
Expenses.....	225.00					
Martha Glover, salary.		1,080.00				
Alice Bowers, salary..		900.00				

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	Smith-Lever Federal	State	Supp. Ext. Fund	Supp. Ext. Fund Offsetting	Not Offsetting State	County
Conferences.....	300.00					
H. E. Eswine, salary..					\$ 2,300.00	
Expenses.....					600.00	
<i>County Club Leaders</i>						
M. W. Brady, salary...			1,250.00			\$ 1,150.00
Travel in County....						200.00
H. C. Brunskill, salary	1,250.00					750.00
Travel in County....						500.00
C. C. Caldwell, salary.	625.00	625.00				
H. H. Claypool, salary			1,250.00			850.00
Travel in County....						400.00
C. M. Hampson, salary			1,250.00			650.00
Travel in County....						350.00
D. E. Hill, salary.....			1,250.00			1,150.00
Travel in County....						600.00
H. M. Kidd, salary....			1,250.00			750.00
Travel in County....						50.00
Stanley Porter, salary.	625.00	625.00				
R. C. Smith, salary...	1,250.00					1,400.00
Travel in County....						600.00
R. B. Tom, salary.....			1,250.00			650.00
Travel in County....						350.00
H. R. Waugh, salary.			1,250.00			
*\$600						
F. L. Wright, salary...	25.00	625.00				1,700.00
Travel in County....						600.00
M. R. Wright, salary..	625.00	625.00				
2 Additional Club						
Agents.....	950.00	1,250.00	800.00			
Instructors in Boys' and						
Girls' Club Work...	2,000.00					
*U. S. D. A.—\$2,100.00						
Totals.....	\$16,481.93	\$15,030.00	\$ 9,468.07		\$ 2,900.00	\$12,700.00
Total for Project No. 4.....						\$58,680.00

PROJECT NO. 5—FARMERS' WEEK

<i>Personnel, etc.</i>						
Farmers' Week Speakers						
Per Diem.....					\$ 750.00	
Expenses.....					750.00	
Student Assistants—A-2					500.00	
Total.....					\$ 2,000.00	
Total for Project No. 5.....						\$2,000.00

PROJECT NO. 6-A

DEMONSTRATIONS BY MEANS OF SPECIALISTS IN HOME ECONOMICS
(CLOTHING)

<i>Personnel, etc.</i>						
Edna Callahan, salary.	\$ 2,600.00					
Expenses.....		\$ 700.00				
Jeannette Butler, sal..	2,400.00					
Expenses.....		700.00				
Totals.....	\$ 5,000.00	\$ 1,400.00				
Total for Project No. 6-A.....						\$6,400.00

PROJECT NO. 6-B

DEMONSTRATIONS BY MEANS OF SPECIALISTS IN HOME ECONOMICS
(HOME MANAGEMENT)

<i>Personnel, etc.</i>						
Eloise Davison, salary.	\$ 2,400.00					
Expenses.....		700.00				
Besse C. Neeff, salary.		1,080.00				
Total.....	\$ 4,180.00					
Total for Project No. 6-B.....						\$4,180.00

6-12-'22

PROJECT NO. 6-C
DEMONSTRATIONS BY MEANS OF SPECIALISTS IN HOME ECONOMICS
(NUTRITION)

	Smith-Lever Federal	State	Supp. Ext. Fund	Supp. Ext. Fund Offsetting	Not Offsetting State	County
<i>Personnel, etc.</i>						
Alma Garvin, salary..	\$ 2,500.00					
Expenses.....	700.00					
Lelia Ogle, salary.....	488.38					
(2 months)						
Expenses.....	200.00					
Total.....	\$ 3,838.38					
Total for Project No. 6-C.....						\$3,838.38

PROJECT NO. 6-D
DEMONSTRATIONS BY MEANS OF SPECIALISTS IN HOME ECONOMICS
(HEALTH)

<i>Personnel, etc.</i>						
Wanda Przyluska, sal.	\$ 2,700.00					
Expenses.....	700.00					
Total.....	\$ 3,400.00					
Total for Project No. 6-D.....						\$3,400.00

PROJECT NO. 7
DEMONSTRATIONS BY MEANS OF SPECIALISTS IN DAIRYING

<i>Personnel, etc.</i>						
Ivan McKellip, salary.	\$ 1,572.00	\$ 1,828.00				
Expenses.....		500.00		\$ 200.00		
Beulah Allen, salary..	960.00					
Members of Department						
Expenses.....				200.00		
Advanced Registry Work						
in Dairy Cattle.....				3,100.00		
Catherine Earle, salary				900.00		
Totals.....	\$ 2,532.00	\$ 2,328.00		\$ 4,400.00		
Total for Project No. 7.....						\$9,260.00

PROJECT NO. 8
DEMONSTRATIONS BY MEANS OF SPECIALISTS IN FARM MANAGEMENT

<i>Personnel, etc.</i>						
*\$1500						
R. F. Taber, salary....		\$ 2,100.00				
Expenses.....		700.00				
*\$900						
C. R. Arnold, salary... \$	2,100.00					
Expenses.....		700.00				
Marie Hoffman, 1/2 sal.	480.00					
Members of Department						
Expenses.....				\$ 100.00		
*U. S. D. A.—\$2,400.00						
Totals.....	\$ 2,580.00	\$ 3,500.00		\$ 100.00		
Total for Project No. 8.....						\$8,580.00

PROJECT NO. 9—CORRESPONDENCE COURSES

<i>Personnel, etc.</i>						
J. E. McClintock,						
Part salary.....				\$ 3,000.00		
Expenses.....				100.00		
Helen Heald, salary...				960.00		
Grading and Mailing						
C. C. Lessons.....				500.00		
Total.....				\$ 4,560.00		
Total for Project No. 9.....						\$4,560.00

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PROJECT NO. 10—FARMERS' INSTITUTES

	Smith-Lever		Supp.	Supp.	Not	
	Federal	State	Ext. Fund	Ext. Fund	Offsetting	County
F. L. Allen, salary....					\$ 2,700.00	\$ 900.00
Expenses.....					800.00	300.00
Margaret Huffman, sal.					1,320.00	
Assistant, 3 mo. salary						750.00
Expenses.....						300.00
County Inst. Speakers						
Per Diem.....					7,000.00	6,000.00
Expenses.....					3,365.00	4,635.00
Supplementary Inst....						1,015.00
Institute Printing.....					•	1,500.00
Totals.....					\$14,685.00	\$15,400.00
Total for Project No. 10.....						\$30,085.00

PROJECT NO. 11—HOME DEMONSTRATION AGENTS

*\$1500						
Marie Sayles, salary... \$ 2,100.00						
Expenses.....						700.00
Minnie Price, salary.. 3,300.00						
Expenses.....						700.00
Asst. Leader, salary... 2,800.00						
Expenses.....						600.00
Conferences.....						300.00
Margaret Ziegler, sal.. 900.00						
Home Demonstration Agents						
Blanche Bowers, salary 1,250.00					\$ 650.00	
Travel in County....						600.00
Anne Biebricker, salary 1,250.00						1,050.00
Travel in County....						600.00
Miscellaneous expense						350.00
Louise Davis, salary... 1,250.00						950.00
Travel in County....						600.00
Miscellaneous expense						200.00
Margaret Detwiler,						
Salary.....	625.00	625.00				650.00
Travel in County....						600.00
Nancy Folsom, salary.. 625.00		625.00				650.00
Travel in County....						600.00
Charline McClure, sal. 1,250.00						650.00
Travel in County....						600.00
Marcella Payne, salary 1,250.00						650.00
Travel in County....						600.00
Amy Parker, salary... 1,250.00						400.00
Travel in County....						600.00
Nelle Spensley, salary.. 625.00		625.00				400.00
Travel in County....						600.00
Cecile Witmer, salary.. 1,250.00						650.00
Travel in County....						600.00
3 Additional Home						
Agents.....	1,875.00	1,875.00				
*U. S. D. A.—\$1,500.00						
Totals.....	\$23,900.00	\$ 3,750.00				\$13,250.00
Total for Project No. 11.....						\$42,400.00

PROJECT NO. 12

DEMONSTRATIONS BY MEANS OF SPECIALISTS IN MARKETING

B. A. Wallace, salary.. \$ 3,000.00						
Expenses.....						700.00
Total.....						\$ 3,700.00
Total for Project No. 12.....						\$3,700.00

* * * * *

The President reported that Mr. Howard Pendleton Converse, of the Class of 1887, has presented the University with a check for \$1,000.00 to be used for the purchase of books for the Library of the Department of Chemistry. Upon motion, the President was directed to express to Mr. Converse the appreciation of the Board of Trustees for his generosity.

* * * * *

The Secretary presented the following recommendations approved by the State Architect and the University Architect concerning certain extras required for the construction of the Chemistry Building:
June 10, 1922.

Mr. C. E. Steeb, Secretary,
Board of Trustees.

Dear Sir—To better adapt the tunnel running east and west under the Chemistry Building at east end to the installation of the heating apparatus an extension was necessary.

The cost of this extension was.....	\$ 55.00
To properly support service pipes in the tunnel, it was necessary to place angle iron hangers 8' on centers costing.....	85.00
Due to excessive expansion owing to heat over the vento coils of the heating apparatus, a copper sump was placed in the roof storm water conductor at a cost of..	6.00
The Department of Chemistry requested an additional door in two laboratory rooms for safety exits costing.....	116.00

Total..... \$262.00

The cost of above items is given on attached proposal and is recommended to the Board of Trustees for their approval.

Respectfully submitted:

Approved:

Approved:

(Signed) ROBERT S. HARSH,
State Architect and Engineer

(Signed) JOS. N. BRADFORD,
University Architect

— o —

Mr. C. E. Steeb, Secretary,
Board of Trustees.

Dear Sir—Due to soil conditions on site of Chemistry Building, it was necessary to excavate deeper to remove the marely soil. To regain the required floor level, it was necessary to fill with cinders to give a porous subgrade.

This required 713 cu. yds. cinders @ \$2.00, total \$1,426.00 as per attached proposal.

The above is recommended to the Board of Trustees for their approval.

Respectfully submitted,

Approved:

Approved:

(Signed) ROBERT S. HARSH,
State Architect and Engineer

(Signed) JOS. N. BRADFORD,
University Architect

Upon motion, the two extras recommended above were authorized and approved and the Secretary was directed to certify said action

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by the Board of Trustees to the Department of Highways and Public Works, with the request that such extras be approved and authorized by said department.

The Trustees now took up for consideration the reports of the committee appointed to make an investigation of the situation regarding Medical Education in the University. After some discussion, it was agreed to defer further action until the next meeting of the Trustees and the President was requested to arrange for a hearing at that time on the two reports submitted, each College to be represented by not to exceed three members of its faculty.

Upon the recommendaiton of John Van Meter, agent for the Virginia Military Lands, the Trustees authorized the execution of a Quit Claim Deed to W. L. and Aulta C. Sheridan for 88 acres, more or less, in Brush Creek Township, Highland County, Ohio, and being a part of Survey No. 13461, Virginia Military Lands, entered in the name of Allen Latham. The consideration to be \$200.00.

The Board now proceeded to elect its officers for the coming year, which election resulted as follows:

Chairman.....	John Kaiser
Vice-Chairman.....	T. C. Mendenhall
Treasurer.....	Julius F. Stone
Secretary.....	Carl E. Steeb

The President presented a communication from the alumnae of the Browning Dramatic Society, requesting that suitable provision be made for the construction of an outdoor theater for the use of the Browning Society. This communication was ordered received and filed with the Secretary to be considered at the proper time.

Thereupon, the Board adjourned to meet Monday, June 19, 1922, at 10:00 a. m., at the University.

Attest:

CARL E. STEEB,
Secretary

JOHN KAISER,
Chairman

THE OHIO STATE UNIVERSITY
OFFICE OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 19, 1922.

The Board of Trustees met at the University at 10:00 a. m., pursuant to adjournment.

Present: T. C. Mendenhall, Vice-Chairman; B. F. McCann, O. E. Bradfute, L. E. Laybourne, J. F. Cunningham.

The Board came to order and took up for consideration the two reports submitted by the committee appointed to make an investigation of the situation regarding Medical Education in the University, and to hear representatives of the two schools of medicine, in accordance with the action taken by the Trustees at the last meeting. The

College of Medicine was represented by Dean E. F. McCampbell, Dr. Charles Hamilton, and Dr. John Edwin Brown. The College of Homeopathic Medicine was represented by Dr. C. A. Burrett, Dr. A. E. Hinsdale, and Dr. J. W. Cogswell.

After hearing from the above committees, the Board recessed until 2:30 p. m.

2:30 p. m.

The Board came together with the same members present as at the morning session.

The Secretary reported that a letter received this day from the Protestant Hospital Association stated that a conference with the Board of Trustees of the Ohio State University was not desired; whereupon Dean McCampbell was asked to appear before the Board to discuss with the Trustees the relations of the Protestant Hospital Association.

Upon the recommendation of the Dean of the College of Medicine, the Secretary was directed to advise the Trustees of the Protestant Hospital Association that the University will not renew its contract for the coming year.

Upon motion, the matter of the removal of University property and equipment from the Protestant Hospital was referred to Dean McCampbell and the Secretary, with full power to act.

Upon the recommendation of the President, the following appointments were made, and the necessary amounts appropriated to meet the salaries in accordance with the general rule:

Name	Title	Date Effective	Annual Rate	Appropriation
<i>College of Commerce and Journalism</i>				
Perry P. Denune	Asst. in Sociology Summer Quarter	June 19, 1922	\$ 335.00	\$ 335.00
Howard H. Webster	Instructor, Business Organization Summer Quarter	June 19, 1922	335.00	335.00
Cancel 1 Reader @ \$200.00				
1 Reader @ \$150.00 \$350 to pay Howard H. Webster.				
Cancel \$335.00 in position of Lecturer to pay Perry P. Denune.				

College of Dentistry

Virgil H. Traxler	Student Assistant	July 1, 1922	200.00	200.00
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The Board again took up for consideration the reports of the committee appointed to make an investigation of the situation regarding Medical Education in the University.

Judge McCann moved a reconsideration of the vote on the substitution of the minority report for the majority report. This motion was lost.

Mr. Laybourne moved that the majority report be adopted. Upon this motion, the ayes and noes were demanded, resulting as follows: Aye—Messrs. Cunningham, Laybourne, and Mendenhall. Noes—Messrs. McCann and Bradfute. The Chairman declared the motion passed and the majority report adopted.

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The Secretary reported an additional gift of \$500.00 from Edward Orton, Jr., to be used for book purchases in the Orton Geological Library for the year 1922-1923, upon the same conditions as attached to his previous gift.

Upon motion, this gift was accepted and the Secretary was directed to express the appreciation of the Trustees to Professor Orton for his continued generosity.

The Secretary was directed to arrange for a meeting of the Board of Trustees at the Lake Laboratory during the week of August 7.

Thereupon, the Board adjourned to meet July 11, at 11:00 a. m., at the University.

Attest:

CARL E. STEEB,
Secretary

T. C. MENDENHALL,
Vice-Chairman

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